

V. Balasubramanian

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EPO, and German patents
NEWS 3 Feb 1 Addition of Machine-Translated Abstracts to CAplus
NEWS 4 Feb 28 Patent Information Now Searchable in CAOLD
NEWS 5 Mar 20 INPADOC: PRODUCER WARNING ABOUT DATA DELAYS
NEWS 6 Mar 22 NEW FEATURES IN INPADOC - RANGE SEARCHING AND NEW
SDI/UPDATE SEARCH FIELD
NEWS 7 May 1 Beilstein Abstracts on STN - FILE BABS
NEWS 8 May 1 RN CROSSOVER AND ANSWER SIZE LIMITS INCREASED
NEWS 9 May 1 AIDSLINE has been reloaded
NEWS 10 May 1 Searching Y2-K compliant Patent Numbers
NEWS 11 May 9 Sequence Similarity Batch Search in DGENE
NEWS 12 May 19 Weekly Statistics for New Entries now available
in INPADOC
NEWS 13 May 22 CITED REFERENCES NOW AVAILABLE IN CAPLUS AND CA FILE
NEWS 14 May 22 POSTPROCESSING OF SEARCH RESULTS MAY BE AFFECTED
BY ADDITION OF CITED REFERENCES TO CAPLUS, CA,
REGISTRY, CASREACT, MARPAT, and MARPATPREV
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|---------------------|------------------|
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09/956.645

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Uploading c:\stnexp4\queries\09335121.str

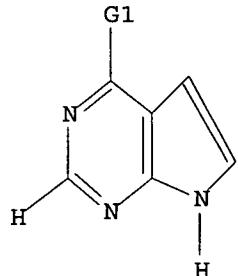
L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

=> d l1

L1 HAS NO ANSWERS
L1 STR



G1 O,S,N

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 10:05:56 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 491 TO ITERATE

09/956,645

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100.0% PROCESSED 491 ITERATIONS
SEARCH TIME: 00.00.01

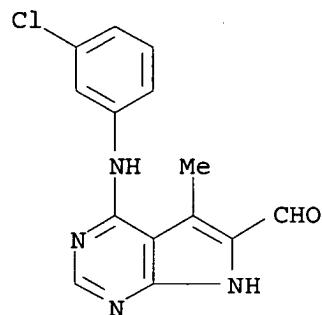
34 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
PROJECTED ITERATIONS: 8491 TO 11149
PROJECTED ANSWERS: 331 TO 1029

L3 34 SEA SSS SAM L1

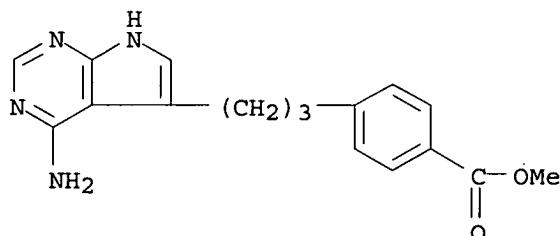
=> d scan

L3 34 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN 1H-Pyrrolo[2,3-d]pyrimidine-6-carboxaldehyde,
4-[(3-chlorophenyl)amino]-5-
methyl- (9CI)
MF C14 H11 Cl N4 O



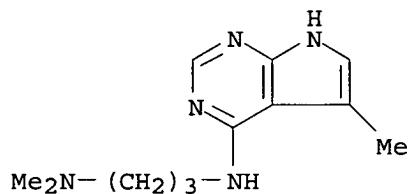
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L3 34 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN Benzoic acid, 4-[3-(4-amino-1H-pyrrolo[2,3-d]pyrimidin-5-yl)propyl]-,
methyl ester (9CI)
MF C17 H18 N4 O2



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L3 34 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN Pyrrolo[2,3d]pyrimidine, 4-[[3-(dimethylamino)propyl]amino]-5-methyl-
(8CI)
MF C12 H19 N5



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> s 11 sss ful

FULL SEARCH INITIATED 10:06:45 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 9926 TO ITERATE

100.0% PROCESSED 9926 ITERATIONS 652 ANSWERS
SEARCH TIME: 00.00.01

L4 652 SEA SSS FUL L1

=> file caplus

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST | 126.90 | 127.05 |

FILE 'CAPLUS' ENTERED AT 10:07:20 ON 19 JUN 2000
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FILE COVERS 1967 - 19 Jun 2000 VOL 132 ISS 26
FILE LAST UPDATED: 18 Jun 2000 (20000618/ED)

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=> s 14

L5 175 L4

=> d 15 1-175 bib

L5 ANSWER 1 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 2000:241135 CAPLUS
DN 132:279106
TI Non-peptide GnRH agents, methods and intermediates for their preparation
IN Anderson, Mark Brian; Vazir, Hareesh N.; Luthin, David Robert; Paderes,
Genevieve Deguzman; Pathak, Ved P.; Christie, Lance Christopher; Hong,
Yufeng; Tompkins, Eileen Valenzuela; Li, Haitao; Faust, James
PA Agouron Pharmaceuticals, Inc., USA; et al.
SO PCT Int. Appl., 444 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------|---|------------|-----------------|----------|
| PI WO 2000020358 | A2 | 20000413 | WO 1999-US18790 | 19990820 |
| W: | AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,
DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,
JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,
TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,
MD, RU, TJ, TM | | | |
| RW: | GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | |
| PRAI | US 1998-PV97520 | 19980820 | | |
| OS | MARPAT | 132:279106 | | |

L5 ANSWER 2 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 2000:227825 CAPLUS
DN 132:275138
TI Nucleic acid analysis based on enzymic incorporation of modified
nucleotides and chemical cleavage
IN Stanton, Vincent P., Jr.; Wolfe, Jia Liu; Kawate, Tomohiko; Verdine,
Gregory
PA Variagenics, Inc., USA
SO PCT Int. Appl., 290 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
|------------|------|------|-----------------|------|

V. Balasubramanian

PI WO 2000018967 A1 20000406 WO 1999-US22988 19990930
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP,
KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN,
MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,
TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,

TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRAI US 1998-PV102724 19981001
US 1999-PV149533 19990817
US 1999-394387 19990910
US 1999-394457 19990910
US 1999-394467 19990910
US 1999-394774 19990910

OS MARPAT 132:275138

RE.CNT 4

RE

- (1) Lee; US 5187085 A 1993
(2) Prober; US 5332666 A 1994
(3) Prober; Science 1987, V238, P336 CAPLUS
(4) Sanger; Proc Natl Acad Sci, USA 1977, V74(12), P5463 CAPLUS

L5 ANSWER 3 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 2000:210172 CAPLUS

DN 132:251160

TI Preparation of pyrrolopyrimidines as protein kinase inhibitors

IN Hirst, Gavin C.; Calderwood, David; Wishart, Neil; Ritter, Kurt; Arnold, Lee D.

PA Basf A.-G., Germany

SO PCT Int. Appl., 304 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---------------|---|----------|-----------------|----------|
| PI | WO 2000017203 | A1 | 20000330 | WO 1999-US21560 | 19990917 |
| | W: | AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD,
MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK,
SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM | | | |
| | RW: | GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | |

PRAI US 1998-PV100832 19980918
US 1998-PV100833 19980918
US 1998-PV100834 19980918
US 1998-PV100946 19980918

OS MARPAT 132:251160

RE.CNT 12

RE

V. Balasubramanian

- (1) Abbott Laboratories; WO 9640686 A 1996
- (2) Bhagwat, S; US 5665721 A 1997 CAPLUS
- (3) Ciba-Geigy Ag; WO 9610028 A 1996
- (4) Dave, C; INDIAN J CHEM SECT B 1988, V27(1-12), P778
- (5) Gensia Inc; WO 9417803 A 1994

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 2000:210171 CAPLUS
DN 132:251159
TI Preparation of 4-aminopyrrolopyrimidines as protein kinase inhibitors
IN Calderwood, David; Arnold, Lee D.; Mazdiyasni, Hormoz; Hirst, Gavin;
Deng,
Bojuan B.
PA BASF Aktiengesellschaft, Germany
SO PCT Int. Appl., 242 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------|---|----------|-----------------|----------|
| PI WO 2000017202 | A1 | 20000330 | WO 1999-US21536 | 19990917 |
| W: | AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD,
MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK,
SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM | | | |
| RW: | GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | |

PRAI US 1998-PV100954 19980918

OS MARPAT 132:251159

RE.CNT 6

RE

- (1) Ciba-Geigy; WO 9702266 A 1997
- (2) Dave, C; INDIAN JOURNAL OF CHEMISTRY 1988, V27B, P778 CAPLUS
- (3) Pharmacia And Up John; EP 0795556 A 1997
- (4) Takeda Chemical Industries Ltd; EP 0402903 A 1990
- (6) Traxler, P; JOURNAL OF MEDICINAL CHEMISTRY 1996, V39(12), P2285 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 2000:15017 CAPLUS
DN 132:64267
TI Preparation of pyrrolo[2,3-d]pyrimidines as sPLA2 inhibitors
IN Hutchison, Darrell Robert; Martinelli, Michael John; Wilson, Thomas
Michael
PA Eli Lilly and Company, USA
SO PCT Int. Appl., 112 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
|------------|------|------|-----------------|------|

V. Balasubramanian

PI WO 2000000201 A1 20000106 WO 1999-US14213 19990623
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,
DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,
JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,
TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,
MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 1998-PV91248 19980630
OS MARPAT 132:64267
RE.CNT 2
RE
(1) Goodson; US 5916922 A 1999
(2) Kim; US 3867386 A 1975 CAPLUS

L5 ANSWER 6 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1999:819707 CAPLUS
DN 132:136484
TI Microbial hydroxylation and simultaneous formation of the
4''-O-methylglucoside of the tyrosine-kinase inhibitor CGP 62706
AU Kittelmann, Matthias; Oberer, Lukas; Blum, Wolfgang; Ghisalba, Oreste
CS Research Department, Core Technology Area, Novartis Pharma A.-G., Basel,
CH-4002, Switz.
SO Chimia (1999), 53(12), 594-596
CODEN: CHIMAD; ISSN: 0009-4293
PB Neue Schweizerische Chemische Gesellschaft
DT Journal
LA English
RE.CNT 7
RE
(2) Dauphin, G; Agric Biol Chem 1989, V53, P1433 CAPLUS
(3) Kieslich, K; Chem Ber 1976, V109, P2259 CAPLUS
(5) Traxler, P; Exp Opin Ther Patents 1997, V7, P571 CAPLUS
(6) Traxler, P; J Med Chem 1996, V39, P2285 CAPLUS
(7) Vigne, B; Tetrahedron 1986, V42, P2451 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 7 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1999:811245 CAPLUS
DN 132:49976
TI Preparation of pyrrolo[2,3-d]pyrimidines as inhibitors of protein
tyrosine
kinases such as Janus Kinase 3
IN Blumenkopf, Todd Andrew; Flanagan, Mark Edward; Brown, Matthew Frank;
Changelian, Paul Steven
PA Pfizer Products Inc., USA
SO PCT Int. Appl., 46 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
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V. Balasubramanian

PI WO 9965909 A1 19991223 WO 1999-IB1110 19990614
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MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR,
TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,

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RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 9940545 A1 20000105 AU 1999-40545 19990614

PRAI US 1998-PV89886 19980619

WO 1999-IB1110 19990614

OS MARPAT 132:49976

RE.CNT 3

RE

(1) Novartis AG; WO 9727199 A 1997

(2) Pfizer Inc; WO 9640142 A 1996

(3) Pfizer Inc; WO 9823613 A 1998

L5 ANSWER 8 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1999:811244 CAPLUS

DN 132:49975

TI Preparation of pyrrolo[2,3-d]pyrimidines as immunosuppressive agents

IN Blumenkopf, Todd Andrew; Flanagan, Mark Edward; Brown, Matthew Frank;
Changelian, Paul Steven

PA Pfizer Products Inc., USA

SO PCT Int. Appl., 59 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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PI WO 9965908 A1 19991223 WO 1999-IB1110 19990614

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DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE,
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MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR,
TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,

TM

RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
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CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 9939518 A1 20000105 AU 1999-39518 19990614

PRAI US 1998-PV89866 19980619

US 1998-PV104787 19981019

WO 1999-IB1100 19990614

OS MARPAT 132:49975

RE.CNT 6

RE

(1) Ciba-Geigy AG; EP 0682027 A 1995

(2) Ciba-Geigy AG; WO 9702266 A 1997

(3) Novartis AG; WO 9807726 A 1998

(4) Pfizer Inc; WO 9640142 A 1996

(5) Pfizer Inc; WO 9823613 A 1998

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ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 9 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1999:794251 CAPLUS
DN 132:31735
TI Photoselection of nucleic acid ligands in SELEX (systematic evolution of ligands by exponential enrichment)
IN Gold, Larry; Willis, Michael; Koch, Tad; Ringquist, Steven; Jensen, Kirk; Atkinson, Brent
PA NeXstar Pharmaceuticals, Inc., USA
SO U.S., 68 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|----------|
| PI US 6001577 | A | 19991214 | US 1998-93293 | 19980608 |

RE.CNT 26
RE
(2) Anon; WO 8906694 1989 CAPLUS
(3) Anon; WO 9119813 1991 CAPLUS
(4) Anon; WO 9214843 1992 CAPLUS
(5) Anon; WO 9305182 1993 CAPLUS
(6) Anon; WO 9507364 1995 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 10 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1999:783937 CAPLUS
DN 132:22973
TI Preparation of pyrrolo[2,3-d]pyrimidines as adenosine receptor antagonists
IN Castelhano, Arlindo L.; McKibben, Bryan; Witter, David J.
PA Cadus Pharmaceutical Corp., USA
SO PCT Int. Appl., 169 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------------|---|----------|-----------------|----------|
| PI WO 9962518 | A1 | 19991209 | WO 1999-US12135 | 19990601 |
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DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,
JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,
TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,
MD, RU, TJ, TM | | | |
| RW: | GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | |
| AU 9942265 | A1 | 19991220 | AU 1999-42265 | 19990601 |
| PRAI US 1998-PV87702 | | 19980602 | | |
| US 1999-PV123216 | | 19990308 | | |
| US 1999-PV126527 | | 19990326 | | |
| US 1998-87702 | | 19980602 | | |

V. Balasubramanian

WO 1999-US12135 19990601
OS MARPAT 132:22973
RE.CNT 20
RE
(1) Chen Yuhpyng, L; WO 9413676 A 1994
(2) Ciba Geigy AG; EP 0682027 A 1995
(4) Hoechst India Ltd; IN 157280 A 1986 CAPLUS
(5) Iwamura, H; J Med Chem 1983, V26, P838 CAPLUS
(16) Venugopalan, B; J Heterocycl Chem 1988, P1633 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 11 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1999:777760 CAPLUS
DN 132:87758
TI Tyrosine Kinase Inhibitors. 16. 6,5,6-Tricyclic Benzothieno[3,2-d]pyrimidines and Pyrimido[5,4-b]- and -[4,5-b]indoles as Potent Inhibitors of the Epidermal Growth Factor Receptor Tyrosine Kinase
AU Showalter, H. D. Hollis; Bridges, Alexander J.; Zhou, Hairong; Sercel, Anthony D.; McMichael, Amy; Fry, David W.
CS Departments of Chemistry and Cancer Research, Parke-Davis Pharmaceutical Research Division of Warner-Lambert Company, Ann Arbor, MI, 48105, USA
SO J. Med. Chem. (1999), 42(26), 5464-5474
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English
RE.CNT 39
RE
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(7) Davies, D; Biochem Pharmacol 1996, V51, P1101 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 12 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1999:371731 CAPLUS
DN 131:39372
TI A potent protein-tyrosine kinase inhibitor which selectively blocks proliferation of epidermal growth factor receptor-expressing tumor cells in vitro and in vivo. [Erratum to document cited in CA129:36168]
AU Lydon, Nicholas B.; Mett, Helmut; Mueller, Marcel; Becker, Michael; Cozens, Robert M.; Stover, David; Daniels, Daren; Traxler, Peter; Buchdunger, Elisabeth
CS Oncology Research, Novartis Pharma AG, Basel, Switz.
SO Int. J. Cancer (1999), 81(4), 669
CODEN: IJCNAW; ISSN: 0020-7136
PB Wiley-Liss, Inc.
DT Journal
LA English

L5 ANSWER 13 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1999:216736 CAPLUS
DN 130:282292
TI 7-Deaza-5'-noraristeromycin derivatives resembling L-toyocamycin and L-sangivamycin

V. Balasubramanian

AU Seley, Katherine L.; Schneller, Stewart W.
CS Department of Chemistry, Auburn University, Auburn, AL, 36849-5312, USA
SO J. Heterocycl. Chem. (1999), 36(1), 287-288
CODEN: JHTCAD; ISSN: 0022-152X

PB HeteroCorporation

DT Journal

LA English

RE.CNT 7

RE

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ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 14 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1999:140315 CAPLUS

DN 130:237785

TI Total synthesis of the naturally occurring antibiotic toyocamycin using new and improved synthetic procedures

AU Porcari, Anthony R.; Townsend, Leroy B.

CS Department of Medicinal Chemistry, College of Pharmacy; Department of Chemistry, College of Literature, Science, and Arts, University of Michigan, Ann Arbor, MI, 48109-1065, USA

SO Nucleosides Nucleotides (1999), 18(2), 153-159

CODEN: NUNUD5; ISSN: 0732-8311

PB Marcel Dekker, Inc.

DT Journal

LA English

OS CASREACT 130:237785

RE.CNT 12

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L5 ANSWER 15 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1998:682246 CAPLUS

DN 129:290146

TI Preparation of 4-phenyl(methyl)amino-7H-pyrrolo[2,3-d]pyrimidines

IN Misun, Marian; Fischer, Reto; Mutz, Michael

PA Novartis A.-G., Switz.; Novartis-Erfindungen Verwaltungsgesellschaft m.b.H.

SO PCT Int. Appl., 79 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|------------|---|----------|-----------------|----------|
| | ----- | ----- | ----- | ----- | ----- |
| PI | WO 9843973 | A1 | 19981008 | WO 1998-EP1760 | 19980325 |
| | W: | AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, | | | |

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KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI,
FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM,
GA, GN, ML, MR, NE, SN, TD, TG
AU 9872103 A1 19981022 AU 1998-72103 19980325
PRAI CH 1997-741 19970327
WO 1998-EP1760 19980325
OS CASREACT 129:290146; MARPAT 129:290146

L5 ANSWER 16 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:640260 CAPLUS
DN 129:275922
TI Preparation of pyrrolo[2,3-d]pyrimidines as tyrosine kinase inhibitors
IN Calderwood, David John; Johnston, David Norman; Rafferty, Paul; Twigger,
Helen Louise; Munschauer, Rainer; Arnold, Lee
PA Knoll A.-G., Germany
SO PCT Int. Appl., 72 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|----------|----------|-----------------|----------|
| PI WO 9841525 | A1 | 19980924 | WO 1998-EP1357 | 19980309 |
| W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HU, ID, IL, JP, KR, KZ, LT,
LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM | | | | |
| RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, | | | | |
| SE AU 9868293 | A1 | 19981012 | AU 1998-68293 | 19980309 |
| EP 970084 | A1 | 20000112 | EP 1998-913690 | 19980309 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,
SI, FI, RO | | | | |
| NO 9904509 | A | 19990917 | NO 1999-4509 | 19990917 |
| PRAI US 1997-40836 | 19970319 | | | |
| WO 1998-EP1357 | 19980309 | | | |
| OS MARPAT 129:275922 | | | | |

L5 ANSWER 17 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:634365 CAPLUS
DN 130:3820
TI An improved synthesis of the versatile heterocycle, 4-amino-6-bromo-5-
cyanopyrrolo[2,3-d]pyrimidine
AU Porcari, Anthony R.; Townsend, Leroy B.
CS Department of Medicinal Chemistry, College of Pharmacy; Department of
Chemistry, College of Literature, Science, and Arts, University of
Michigan, Ann Arbor, MI, 48109-1065, USA
SO Synth. Commun. (1998), 28(20), 3835-3843
CODEN: SYNCV; ISSN: 0039-7911
PB Marcel Dekker, Inc.
DT Journal
LA English
OS CASREACT 130:3820
RE.CNT 44

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(8) Glazer, R; Biochem Pharmacol 1980, V29, P305 CAPLUS
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ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 18 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:564221 CAPLUS
DN 129:175920
TI Preparation of nucleosides water soluble adenosine kinase inhibitors
IN Ugarkar, Bheemarao G.; Erion, Mark D.; Gomez, Galeno Jorge E.
PA Metabasis Therapeutics, Inc., USA
SO U.S., 35 pp. Cont.-in-part of U. S. Ser. No. 473,492.
CODEN: USXXAM

DT Patent

LA English

FAN.CNT 14

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-------------------|----------|----------|-----------------|----------|
| PI | US 5795977 | A | 19980818 | US 1996-660532 | 19960607 |
| | WO 9212718 | A1 | 19920806 | WO 1992-US515 | 19920121 |
| | W: AU, CA, FI, NO | | | | |
| | AU 665184 | B2 | 19951221 | AU 1992-13599 | 19920121 |
| | NO 9302628 | A | 19930923 | NO 1993-2628 | 19930721 |
| | NO 180418 | B | 19970106 | | |
| | NO 180418 | C | 19970416 | | |
| | US 5646128 | A | 19970708 | US 1994-349125 | 19941201 |
| | US 5658889 | A | 19970819 | US 1994-355836 | 19941214 |
| | US 5726302 | A | 19980310 | US 1995-473492 | 19950607 |
| PRAI | US 1989-408707 | 19890918 | | | |
| | US 1990-466979 | 19900118 | | | |
| | US 1991-647117 | 19910123 | | | |
| | US 1991-812916 | 19911223 | | | |
| | US 1995-473492 | 19950607 | | | |
| | US 1989-301222 | 19890124 | | | |
| | US 1989-301453 | 19890124 | | | |
| | US 1989-408107 | 19890915 | | | |
| | WO 1992-US515 | 19920121 | | | |
| | US 1993-14190 | 19930203 | | | |
| | US 1994-192645 | 19940203 | | | |
| | US 1994-230421 | 19940419 | | | |
| OS | MARPAT 129:175920 | | | | |

L5 ANSWER 19 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:508686 CAPLUS
DN 129:230692
TI Synthesis of pyrrolopyrimidines from 2,5-diaryl-3,3,4,4-tetracyanopyrrolidines
AU Nasakin, O. E.; Lyshchikov, A. E.; Lukin, P. M.; Tafeenko, V. A.; Bulai, A. Kh.
CS I. N. Ul'yanov Chuvash State University, Cheboksary, 428015, Russia
SO Chem. Heterocycl. Compd. (N. Y.) (1998), Volume Date 1997, 33(12), 1450-1455
CODEN: CHCCAL; ISSN: 0009-3122

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PB Consultants Bureau
DT Journal
LA English

L5 ANSWER 20 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:503653 CAPLUS
DN 129:290345
TI Synthesis and in vitro antitumor activity of some amino-deoxy
7-hexofuranosylpyrrolo[2,3-d]pyrimidines
AU Huang, Bao-Guo; Bobek, Miroslav
CS Department of Pharmacology and Therapeutics, Roswell Park Cancer
Institute, Buffalo, NY, 14263, USA
SO Carbohydr. Res. (1998), 308(3-4), 319-328
CODEN: CRBRAT; ISSN: 0008-6215
PB Elsevier Science Ltd.
DT Journal
LA English

L5 ANSWER 21 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:405444 CAPLUS
DN 129:67984
TI Preparation of orally active nucleoside adenosine kinase inhibitors
IN Ugarkar, Bheemarao G.; Erion, Mark D.; Gomez, Galeno Jorge E.;
Castellino,
Angelo J.; Browne, Clinton E.
PA Metabasis Therapeutics, Inc., USA
SO U.S., 22 pp. Cont.-in-part of U.S. Ser. No. 473,491.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 14

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-------------------|----------|----------|-----------------|----------|
| PI | US 5763597 | A | 19980609 | US 1996-660506 | 19960607 |
| | WO 9212718 | A1 | 19920806 | WO 1992-US515 | 19920121 |
| | W: AU, CA, FI, NO | | | | |
| | AU 665184 | B2 | 19951221 | AU 1992-13599 | 19920121 |
| | NO 9302628 | A | 19930923 | NO 1993-2628 | 19930721 |
| | NO 180418 | B | 19970106 | | |
| | NO 180418 | C | 19970416 | | |
| | US 5646128 | A | 19970708 | US 1994-349125 | 19941201 |
| | US 5658889 | A | 19970819 | US 1994-355836 | 19941214 |
| | US 5721356 | A | 19980224 | US 1995-473491 | 19950607 |
| PRAI | US 1989-408707 | 19890918 | | | |
| | US 1990-466979 | 19900118 | | | |
| | US 1991-647117 | 19910123 | | | |
| | US 1991-812916 | 19911223 | | | |
| | US 1995-473491 | 19950607 | | | |
| | US 1989-301222 | 19890124 | | | |
| | US 1989-301453 | 19890124 | | | |
| | US 1989-408107 | 19890915 | | | |
| | WO 1992-US515 | 19920121 | | | |
| | US 1993-14190 | 19930203 | | | |
| | US 1994-192645 | 19940203 | | | |
| | US 1994-230421 | 19940419 | | | |
| OS | MARPAT 129:67984 | | | | |

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L5 ANSWER 22 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:405443 CAPLUS
DN 129:67983
TI Preparation of C-4' modified adenosine kinase inhibitors
IN Boyer, Serge H.; Ugarkar, Bheemarao G.; Erion, Mark D.
PA Metabasis Therapeutics, Inc., USA
SO U.S., 38 pp. Cont.-in-part of U.S. 5,674,998.
CODEN: USXXAM

DT Patent

LA English

FAN.CNT 14

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-------------------|-----------|----------|-----------------|----------|
| PI | US 5763596 | A | 19980609 | US 1996-660505 | 19960607 |
| | WO 9212718 | A1 | 19920806 | WO 1992-US515 | 19920121 |
| | W: AU, CA, FI, NO | | | | |
| | AU 665184 | B2 | 19951221 | AU 1992-13599 | 19920121 |
| | NO 9302628 | A | 19930923 | NO 1993-2628 | 19930721 |
| | NO 180418 | B | 19970106 | | |
| | NO 180418 | C | 19970416 | | |
| | US 5506347 | A | 19960409 | US 1994-191282 | 19940203 |
| | US 5646128 | A | 19970708 | US 1994-349125 | 19941201 |
| | US 5658889 | A | 19970819 | US 1994-355836 | 19941214 |
| | US 5674998 | A | 19971007 | US 1995-486161 | 19950607 |
| PRAI | US 1989-408707 | 19890915 | | | |
| | US 1990-466979 | 19900118 | | | |
| | US 1991-647117 | 19910123 | | | |
| | US 1991-812916 | 19911223 | | | |
| | US 1994-191282 | 19940203 | | | |
| | US 1995-486161 | 19950607 | | | |
| | US 1989-301222 | 19890124 | | | |
| | US 1989-301453 | 19890124 | | | |
| | US 1989-408107 | 19890915 | | | |
| | WO 1992-US515 | 19920121 | | | |
| | US 1993-14159 | 19930203 | | | |
| | US 1993-14190 | 19930203 | | | |
| | US 1994-182381 | 19940114 | | | |
| | US 1994-192645 | 19940203 | | | |
| | US 1994-230421 | 19940419 | | | |
| OS | MARPAT | 129:67983 | | | |

L5 ANSWER 23 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:405419 CAPLUS
DN 129:78838
TI Systematic evolution of ligands by exponential enrichment: photoselection of nucleic acid ligands and solution SELEX
IN Gold, Larry; Willis, Michael; Koch, Tad; Ringquist, Steven; Jensen, Kirk; Atkinson, Brent
PA Nexstar Pharmaceuticals, Inc., USA
SO U.S., 69 pp. Cont.-in-part of U.S. Ser. No. 143,564, abandoned.
CODEN: USXXAM

DT Patent

LA English

FAN.CNT 84

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
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| PI | US 5763177 | A | 19980609 | US 1996-612895 | 19960308 |
|------|---|----|----------|-----------------|----------|
| | US 5475096 | A | 19951212 | US 1991-714131 | 19910610 |
| | EP 786469 | A2 | 19970730 | EP 1997-200035 | 19910610 |
| | EP 786469 | A3 | 19970806 | | |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE | | | | |
| | IL 112141 | A1 | 19980405 | IL 1991-112141 | 19910611 |
| | US 5270163 | A | 19931214 | US 1992-931473 | 19920817 |
| | WO 9508003 | A1 | 19950323 | WO 1994-US10562 | 19940916 |
| | W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, US, UZ, VN | | | | |
| | RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | | |
| PRAI | US 1990-536428 | | 19900611 | | |
| | US 1991-714131 | | 19910610 | | |
| | US 1992-931473 | | 19920817 | | |
| | US 1993-123935 | | 19930917 | | |
| | US 1993-143564 | | 19931025 | | |
| | WO 1994-US10562 | | 19940916 | | |
| | EP 1991-912753 | | 19910610 | | |
| | IL 1991-98456 | | 19910611 | | |

L5 ANSWER 24 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:388518 CAPLUS
DN 129:41143
TI Fused bicyclic pyrimidine derivatives useful as antihyperproliferative agents
IN Arnold, Lee Daniel; Moyer, Mikel Paul; Sobolov-Jaynes, Susan Beth
PA Pfizer Inc., USA; Arnold, Lee Daniel; Moyer, Mikel Paul; Sobolov-Jaynes, Susan Beth
SO PCT Int. Appl., 45 pp.

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------------|---|----------|-----------------|----------|
| PI WO 9823613 | A1 | 19980604 | WO 1997-IB1393 | 19971105 |
| | W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| | RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | |
| AU 9747189 | A1 | 19980622 | AU 1997-47189 | 19971105 |
| EP 946554 | A1 | 19991006 | EP 1997-909525 | 19971105 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI, RO | | | |
| CN 1237177 | A | 19991201 | CN 1997-199662 | 19971105 |
| BR 9713552 | A | 20000125 | BR 1997-13552 | 19971105 |
| JP 2000505109 | T2 | 20000425 | JP 1998-524465 | 19971105 |
| NO 9902524 | A | 19990526 | NO 1999-2524 | 19990526 |
| PRAI US 1996-PV31862 | | 19961127 | | |

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US 1997-PV41846 19970409
US 1997-184696 19970409
WO 1997-IB1393 19971105
OS MARPAT 129:41143

L5 ANSWER 25 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:324922 CAPLUS
DN 129:37219
TI DNA sequencing diagnostics based on mass spectrometry
IN Koster, Hubert; Tang, Kai; Fu, Dong-Jing; Siegert, Carston W.; Little, Daniel P.; Higgins, G. Scott; Braun, Andreas; Damhoffer-Demar, Brigitte; et al.
PA Sequenom, Inc., USA; Koster, Hubert; Tang, Kai; Fu, Dong-Jing; Siegert, Carston W.; Little, Daniel P.; Higgins, G. Scott
SO PCT Int. Appl., 479 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 5

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------------|--|----------|------------------|----------|
| PI WO 9820166 | A2 | 19980514 | WO 1997-US20444 | 19971106 |
| WO 9820166 | A3 | 19981022 | | |
| W: | AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| RW: | GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | |
| US 5900481 | A | 19990504 | US 1996-746036 | 19961106 |
| US 6074823 | A | 20000613 | US 1996-744590 | 19961106 |
| US 6024925 | A | 20000215 | US 1997-787639 | 19970123 |
| AU 9851069 | A1 | 19980529 | AU 1998-51069 | 19971106 |
| EP 954612 | A2 | 19991110 | EP 1997-945641 | 19971106 |
| R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | |
| DE 19782095 | T | 20000323 | DE 1997-19782095 | 19971106 |
| NO 9902168 | A | 19990706 | NO 1999-2168 | 19990504 |
| PRAI US 1996-744481 | | 19961106 | | |
| US 1996-744590 | | 19961106 | | |
| US 1996-746036 | | 19961106 | | |
| US 1996-746055 | | 19961106 | | |
| US 1997-786988 | | 19970123 | | |
| US 1997-787639 | | 19970123 | | |
| US 1997-933792 | | 19970919 | | |
| US 1997-947801 | | 19971008 | | |
| US 1993-34738 | | 19930319 | | |
| US 1995-388171 | | 19950210 | | |
| WO 1997-US20444 | | 19971106 | | |
| OS MARPAT 129:37219 | | | | |

L5 ANSWER 26 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:229995 CAPLUS
DN 129:36168

V. Balasubramanian

TI A potent protein-tyrosine kinase inhibitor which selectively blocks proliferation of epidermal growth factor receptor-expressing tumor cells in vitro and in vivo
AU Lydon, Nicholas B.; Mett, Helmut; Mueller, Marcel; Becker, Michael; Cozens, Robert M.; Stover, David; Daniels, Daren; Traxler, Peter; Buchdunger, Elisabeth
CS Oncology, Research, Novartis Pharma AG, Basel, Switz.
SO Int. J. Cancer (1998), 76(1), 154-163
CODEN: IJCNAW; ISSN: 0020-7136
PB Wiley-Liss, Inc.
DT Journal
LA English

L5 ANSWER 27 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:180580 CAPLUS
DN 128:230637
TI Preparation of water soluble adenosine kinase inhibitors as cardiovascular and antiinflammatory agents
IN Ugarkar, Bheemarao G.; Erion, Mark D.; Gomez, Galeno Jorge E.
PA Gensia Inc., USA
SO U.S., 25 pp. Cont.-in-part of U.S. Ser. No. 812,916, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 14

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | US 5726302 | A | 19980310 | US 1995-473492 | 19950607 |
| | WO 9212718 | A1 | 19920806 | WO 1992-US515 | 19920121 |
| | W: AU, CA, FI, NO | | | | |
| | AU 665184 | B2 | 19951221 | AU 1992-13599 | 19920121 |
| | NO 9302628 | A | 19930923 | NO 1993-2628 | 19930721 |
| | NO 180418 | B | 19970106 | | |
| | NO 180418 | C | 19970416 | | |
| | US 5646128 | A | 19970708 | US 1994-349125 | 19941201 |
| | US 5658889 | A | 19970819 | US 1994-355836 | 19941214 |
| | US 5864033 | A | 19990126 | US 1995-451236 | 19950526 |
| | CA 2247983 | AA | 19961219 | CA 1996-2247983 | 19960607 |
| | WO 9640707 | A1 | 19961219 | WO 1996-US10956 | 19960607 |
| | W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG | | | | |
| | RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN | | | | |
| | AU 9664790 | A1 | 19961230 | AU 1996-64790 | 19960607 |
| | EP 836613 | A1 | 19980422 | EP 1996-924302 | 19960607 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| | US 5795977 | A | 19980818 | US 1996-660532 | 19960607 |
| | JP 11509181 | T2 | 19990817 | JP 1996-502319 | 19960607 |
| | BR 9609011 | A | 19991214 | BR 1996-9011 | 19960607 |
| PRAI | US 1989-408707 | | 19890918 | | |
| | US 1990-466979 | | 19900118 | | |
| | US 1991-647117 | | 19910123 | | |

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US 1989-301222 19890124
US 1989-301453 19890124
US 1989-408107 19890915
WO 1992-US515 19920121
US 1993-14190 19930203
US 1994-192645 19940203
US 1994-230421 19940419
US 1995-473492 19950607
WO 1996-US10956 19960607
OS MARPAT 128:230637

LS ANSWER 28 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:147332 CAPLUS
DN 128:192664
TI Preparation of substituted pyrrolopyrimidines as antitumor agents
IN Traxler, Peter; Bold, Guido; Lang, Marc; Frei, Jorg
PA Novartis A.-G., Switz.; Traxler, Peter; Bold, Guido; Lang, Marc; Frei, Jorg
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------------|----------|-----------------|----------|
| PI | WO 9807726 | A1 | 19980226 | WO 1997-EP4564 | 19970821 |
| | W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| | RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | | |
| | CN 1194647 | A | 19980930 | CN 1996-196640 | 19960624 |
| | AU 9742064 | A1 | 19980306 | AU 1997-42064 | 19970821 |
| | EP 938486 | A1 | 19990901 | EP 1997-940108 | 19970821 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| PRAI | CH 1996-2071 | | 19960823 | | |
| | WO 1997-EP4564 | | 19970821 | | |
| OS | MARPAT | 128:192664 | | | |

LS ANSWER 29 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:146721 CAPLUS
DN 128:192880
TI Preparation of orally active adenosine kinase inhibitors
IN Ugarkar, Bheemarao G.; Erion, Mark D.; Gomez, Galeno Jorge E.; Castellino, Angelo J.; Browne, Clinton E.
PA Gensia, Inc., USA
SO U.S., 18 pp. Cont.-in-part of U.S. Ser. No. 812,916, abandoned.
CODEN: USXXAM
DT Patent
LA English

V. Balasubramanian

FAN.CNT 14

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|------|----------|-----------------|----------|
| PI | US 5721356 | A | 19980224 | US 1995-473491 | 19950607 |
| | WO 9212718 | A1 | 19920806 | WO 1992-US515 | 19920121 |
| | W: AU, CA, FI, NO | | | | |
| | AU 665184 | B2 | 19951221 | AU 1992-13599 | 19920121 |
| | NO 9302628 | A | 19930923 | NO 1993-2628 | 19930721 |
| | NO 180418 | B | 19970106 | | |
| | NO 180418 | C | 19970416 | | |
| | US 5646128 | A | 19970708 | US 1994-349125 | 19941201 |
| | US 5658889 | A | 19970819 | US 1994-355836 | 19941214 |
| | US 5864033 | A | 19990126 | US 1995-451236 | 19950526 |
| | CA 2247984 | AA | 19961219 | CA 1996-2247984 | 19960607 |
| | WO 9640706 | A1 | 19961219 | WO 1996-US10919 | 19960607 |
| | W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG | | | | |
| | RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN | | | | |
| | AU 9663958 | A1 | 19961230 | AU 1996-63958 | 19960607 |
| | EP 832092 | A1 | 19980401 | EP 1996-923451 | 19960607 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| | US 5763597 | A | 19980609 | US 1996-660506 | 19960607 |
| | JP 11507390 | T2 | 19990629 | JP 1996-502318 | 19960607 |
| | BR 9608625 | A | 19991207 | BR 1996-8625 | 19960607 |
| PRAI | US 1989-408707 | | 19890915 | | |
| | US 1990-466979 | | 19900118 | | |
| | US 1991-647117 | | 19910123 | | |
| | US 1991-812916 | | 19911223 | | |
| | US 1989-301222 | | 19890124 | | |
| | US 1989-301453 | | 19890124 | | |
| | US 1989-408107 | | 19890915 | | |
| | WO 1992-US515 | | 19920121 | | |
| | US 1993-14190 | | 19930203 | | |
| | US 1994-192645 | | 19940203 | | |
| | US 1994-230421 | | 19940419 | | |
| | US 1995-473491 | | 19950607 | | |
| | WO 1996-US10919 | | 19960607 | | |
| OS | MARPAT 128:192880 | | | | |
| L5 | ANSWER 30 OF 175 CAPLUS COPYRIGHT 2000 ACS | | | | |
| AN | 1997:696745 CAPLUS | | | | |
| DN | 128:3695 | | | | |
| TI | Preparation of N-quinazolinylacrylamides and analogs as tyrosine kinase inhibitors | | | | |
| IN | Bridges, Alexander James; Denny, William Alexander; Dobrusin, Ellen Myra; Doherty, Annette Marian; Fry, David W.; McNamara, Dennis Joseph; Showalter, Howard Daniel Hollis; Smaill, Jeffrey B.; Zhou, Hairong; et al. | | | | |
| PA | Warner-Lambert Company, USA; Bridges, Alexander James; Denny, William Alexander; Dobrusin, Ellen Myra; Doherty, Annette Marian; Fry, David W.; McNamara, Dennis Joseph; Showalter, Howard Daniel Hollis; Smaill, Jeffrey B.; Zhou, Hairong | | | | |

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SO PCT Int. Appl., 193 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|----------|----------|-----------------|----------|
| PI | WO 9738983 | A1 | 19971023 | WO 1997-US5778 | 19970408 |
| | W: AL, AU, BA, BB, BG, BR, CA, CN, CZ, EE, GE, GH, HU, IL, IS, JP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, | | | | |
| TM | RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | | |
| | CA 2249446 | AA | 19971023 | CA 1997-2249446 | 19970408 |
| | AU 9724463 | A1 | 19971107 | AU 1997-24463 | 19970408 |
| | EP 892789 | A1 | 19990127 | EP 1997-920213 | 19970408 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI | | | | |
| | CN 1218456 | A | 19990602 | CN 1997-194458 | 19970408 |
| | BR 9708640 | A | 19990803 | BR 1997-8640 | 19970408 |
| | NO 9804718 | A | 19981209 | NO 1998-4718 | 19981009 |
| PRAI | US 1996-15351 | | 19960412 | | |
| | WO 1997-US5778 | | 19970408 | | |
| OS | MARPAT | 128:3695 | | | |

LS ANSWER 31 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:689542 CAPLUS

DN 127:358871

TI Preparation of tricyclic compounds capable of inhibiting tyrosine kinases of the epidermal growth factor receptor family

IN Bridges, Alexander James; Denny, William Alexander; Fry, David; Kraker, Alan; Meyer, Robert Frederick; Newcastle, Gordon William; Thompson, Andrew

Mark; Showalter, Howard Daniel Hollis

PA Warner-Lambert Company, USA

SO U.S., 42 pp. Cont.-in-part of U.S. Ser. No. 186,735, ABANDONED.
CODEN: USXXAM

DT Patent

LA English

FAN.CNT 4

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---|------|----------|-----------------|----------|
| PI | US 5679683 | A | 19971021 | US 1994-358352 | 19941223 |
| | ZA 9500441 | A | 19951010 | ZA 1995-441 | 19950119 |
| | ZA 9500440 | A | 19951010 | ZA 1995-440 | 19950119 |
| | WO 9519970 | A1 | 19950727 | WO 1995-US911 | 19950123 |
| | W: AM, AU, BG, BY, CA, CN, CZ, EE, FI, GE, HU, JP, KG, KR, KZ, LT, LV, MD, MX, NO, NZ, PL, RO, RU, SI, SK, TJ, UA, UZ | | | | |
| | RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| | CA 2177392 | AA | 19950727 | CA 1995-2177392 | 19950123 |
| | AU 9518334 | A1 | 19950808 | AU 1995-18334 | 19950123 |
| | AU 686339 | B2 | 19980205 | | |
| | EP 741711 | A1 | 19961113 | EP 1995-910116 | 19950123 |
| SE | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, | | | | |

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| CN 1139383 | A | 19970101 | CN 1995-191310 | 19950123 |
| CN 1139430 | A | 19970101 | CN 1995-191318 | 19950123 |
| HU 74590 | A2 | 19970128 | HU 1996-2016 | 19950123 |
| HU 74589 | A2 | 19970128 | HU 1996-2017 | 19950123 |
| JP 09508126 | T2 | 19970819 | JP 1995-519721 | 19950123 |
| FI 9602855 | A | 19960913 | FI 1996-2855 | 19960715 |
| NO 9603093 | A | 19960724 | NO 1996-3093 | 19960724 |
| PRAI US 1994-186735 | | 19940125 | | |
| US 1994-186745 | | 19940125 | | |
| US 1994-358352 | | 19941223 | | |
| WO 1995-US911 | | 19950123 | | |
| OS MARPAT 127:358871 | | | | |

LS ANSWER 32 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1997:684165 CAPLUS
 DN 127:293561
 TI Preparation of C-4' modified nucleosides as adenosine kinase inhibitors
 IN Boyer, Serge H.; Erion, Mark D.; Ugarkar, Bheemarao G.
 PA Gensia Inc., USA
 SO U.S., 25 pp. Cont.-in-part of U.S. Ser. No. 812,916, abandoned.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 14

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | US 5674998 | A | 19971007 | US 1995-486161 | 19950607 |
| | WO 9212718 | A1 | 19920806 | WO 1992-US515 | 19920121 |
| | W: AU, CA, FI, NO | | | | |
| | AU 665184 | B2 | 19951221 | AU 1992-13599 | 19920121 |
| | NO 9302628 | A | 19930923 | NO 1993-2628 | 19930721 |
| | NO 180418 | B | 19970106 | | |
| | NO 180418 | C | 19970416 | | |
| | US 5506347 | A | 19960409 | US 1994-191282 | 19940203 |
| | US 5646128 | A | 19970708 | US 1994-349125 | 19941201 |
| | US 5658889 | A | 19970819 | US 1994-355836 | 19941214 |
| | CA 2220642 | AA | 19961219 | CA 1996-2220642 | 19960607 |
| | WO 9640705 | A1 | 19961219 | WO 1996-US10404 | 19960607 |
| | W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG | | | | |
| | RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN | | | | |
| | AU 9661783 | A1 | 19961230 | AU 1996-61783 | 19960607 |
| | EP 832091 | A1 | 19980401 | EP 1996-919442 | 19960607 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| | US 5763596 | A | 19980609 | US 1996-660505 | 19960607 |
| | CN 1190401 | A | 19980812 | CN 1996-195383 | 19960607 |
| | JP 11507387 | T2 | 19990629 | JP 1996-502290 | 19960607 |
| | BR 9609013 | A | 19991214 | BR 1996-9013 | 19960607 |
| | NO 9705585 | A | 19980205 | NO 1997-5585 | 19971203 |
| PRAI | US 1989-408707 | | 19890918 | | |
| | US 1990-466979 | | 19900118 | | |
| | US 1991-647117 | | 19910123 | | |

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US 1991-812916 19911223
US 1994-191282 19940203
US 1989-301222 19890124
US 1989-301453 19890124
US 1989-408107 19890915
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US 1994-182381 19940114
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WO 1996-US10404 19960607
OS MARPAT 127:293561

L5 ANSWER 33 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:679199 CAPLUS
DN 127:327439
TI Nucleic acid sequencing by mass spectrometry
IN Koster, Hubert
PA Sequenom, Inc., USA
SO PCT Int. Appl., 141 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------|--|----------|-----------------|----------|
| PI | WO 9737041 | A2 | 19971009 | WO 1997-US4394 | 19970318 |
| | WO 9737041 | A3 | 19971204 | | |
| | W: | AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK,
EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KP, KZ, LC, LK, LR, LS,
LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD,
SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, AM, AZ, BY, KG, KZ,
MD, RU, TJ, TM | | | |
| | RW: | GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB,
GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN,
ML, MR, NE, SN, TD, TG | | | |
| | AU 9722175 | A1 | 19971022 | AU 1997-22175 | 19970318 |
| PRAI | US 1996-617010 | | 19960318 | | |
| | US 1996-547835 | | 19960820 | | |
| | WO 1997-US4394 | | 19970318 | | |

L5 ANSWER 34 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:679141 CAPLUS
DN 127:328679
TI Asymmetric benzoxanthene dyes
IN Benson, Scott C.; Menchen, Steven M.; Theisen, Peter D.; Hennessey, Kevin
M.; Furniss, Vergine C.; Hauser, Joan
PA Perkin-Elmer Corp., USA
SO PCT Int. Appl., 74 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------------|------|------|-----------------|------|
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|-----------|---|----------|----------|-----------------|----------|
| PI | WO 9736960 | A1 | 19971009 | WO 1997-US5376 | 19970401 |
| | W: AU, CA, JP | | | | |
| | RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, | | | | |
| SE | US 6020481 | A | 20000201 | US 1996-626085 | 19960401 |
| | US 5840999 | A | 19981124 | US 1997-824102 | 19970326 |
| | CA 2250014 | AA | 19971009 | CA 1997-2250014 | 19970401 |
| | AU 9724323 | A1 | 19971022 | AU 1997-24323 | 19970401 |
| | AU 707242 | B2 | 19990708 | | |
| | EP 891393 | A1 | 19990120 | EP 1997-920028 | 19970401 |
| | EP 891393 | B1 | 19990630 | | |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, | | | | |
| | IE, FI | | | | |
| | AT 181741 | E | 19990715 | AT 1997-920028 | 19970401 |
| | JP 2000500183 | T2 | 20000111 | JP 1997-535550 | 19970401 |
| PRAI | US 1996-626085 | 19960401 | | | |
| | WO 1997-US5376 | 19970401 | | | |
| OS | MARPAT 127:328679 | | | | |
| L5 | ANSWER 35 OF 175 CAPLUS COPYRIGHT 2000 ACS | | | | |
| AN | 1997:640667 CAPLUS | | | | |
| DN | 127:318974 | | | | |
| TI | Preparation of 7-heterocyclylpyrrolo[2,3-d]pyrimidines and analogs as protein tyrosine kinase pp60c-src inhibitors | | | | |
| IN | Altmann, Eva | | | | |
| PA | Novartis A.-G., Switz.; Altmann, Eva | | | | |
| SO | PCT Int. Appl., 66 pp. | | | | |
| | CODEN: PIXXD2 | | | | |
| DT | Patent | | | | |
| LA | German | | | | |
| FAN.CNT 1 | | | | | |
| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
| PI | WO 9734895 | A1 | 19970925 | WO 1997-EP1095 | 19970305 |
| | W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| | RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | | |
| | CA 2249739 | AA | 19970925 | CA 1997-2249739 | 19970305 |
| | AU 9721534 | A1 | 19971010 | AU 1997-21534 | 19970305 |
| | AU 716383 | B2 | 20000224 | | |
| | EP 888353 | A1 | 19990107 | EP 1997-914189 | 19970305 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, | | | | |
| FI | CN 1216544 | A | 19990512 | CN 1997-193839 | 19970305 |
| | BR 9709443 | A | 19990810 | BR 1997-9443 | 19970305 |
| | JP 2000506537 | T2 | 20000530 | JP 1997-533081 | 19970305 |
| | US 6051577 | A | 20000418 | US 1998-142548 | 19980910 |
| | NO 9804199 | A | 19981105 | NO 1998-4199 | 19980911 |
| PRAI | CH 1996-694 | 19960315 | | | |
| | WO 1997-EP1095 | 19970305 | | | |
| OS | MARPAT 127:318974 | | | | |

V. Balasubramanian

L5 ANSWER 36 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:638426 CAPLUS
DN 127:272380
TI Use of a Pharmacophore Model for the Design of EGF-R Tyrosine Kinase Inhibitors: 4-(Phenylamino)pyrazolo[3,4-d]pyrimidines
AU Traxler, Peter; Bold, Guido; Frei, Joerg; Lang, Marc; Lydon, Nicholas; Mett, Helmut; Buchdunger, Elisabeth; Meyer, Thomas; Mueller, Marcel; Furet, Pascal
CS Novartis Pharmaceuticals Therapeutic Area Oncology Novartis Limited, Basel, CH-4002, Switz.
SO J. Med. Chem. (1997), 40(22), 3601-3616
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English

L5 ANSWER 37 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:632396 CAPLUS
DN 127:293244
TI Preparation of 4-substituted pyrrolopyrimidines as tyrosine kinase inhibitors
IN Buzzetti, Franco; Brasca, Maria Gabriella; Longo, Antonio; Ballinari, Dario
PA Pharmacia & Upjohn S.P.A., Italy
SO Eur. Pat. Appl., 15 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------------|------|----------|-----------------|----------|
| ----- | ---- | ----- | ----- | ----- |
| PI EP 795556 | A1 | 19970917 | EP 1997-200386 | 19970211 |
| R: DE, GB, IT | | | | |
| JP 09323995 | A2 | 19971216 | JP 1997-44207 | 19970227 |
| PRAI GB 1996-4361 | | 19960229 | | |
| OS MARPAT 127:293244 | | | | |

L5 ANSWER 38 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:618099 CAPLUS
DN 127:293238
TI 7-Alkylpyrrolo[2,3-d]pyrimidines
IN Altmann, Eva; Missbach, Martin; Widler, Leo
PA Novartis A.-G., Switz.; Altmann, Eva; Missbach, Martin; Widler, Leo
SO PCT Int. Appl., 64 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| ----- | ---- | ----- | ----- | ----- |
| PI WO 9732879 | A1 | 19970912 | WO 1997-EP874 | 19970224 |
| W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |

V. Balasubramanian

RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,
IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML,
MR, NE, SN, TD, TG
AU 9717946 A1 19970922 AU 1997-17946 19970224
PRAI EP 1996-810137 19960306
WO 1997-EP874 19970224
OS MARPAT 127:293238

L5 ANSWER 39 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:617993 CAPLUS
DN 127:272793
TI Antiproliferative combinations, containing raf-targeted oligonucleotides
and chemotherapeutic compounds
IN Muller, Marcel; Geiger, Thomas; Altmann, Karl-Heinz; Fabbro, Doriano;
Monia, Brett
PA Novartis AG, Switz.
SO PCT Int. Appl., 118 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|----------|----------|-----------------|----------|
| PI WO 9732604 | A1 | 19970912 | WO 1997-EP875 | 19970224 |
| W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP,
KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG,
SI, SK, TR, TT, UA, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, | | | | |
| TM | | | | |
| RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,
IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML,
MR, NE, SN, TD, TG | | | | |
| AU 9720925 | A1 | 19970922 | AU 1997-20925 | 19970224 |
| PRAI US 1996-612787 | 19960307 | | | |
| WO 1997-EP875 | 19970224 | | | |

L5 ANSWER 40 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:617979 CAPLUS
DN 127:283393
TI Combinations of drugs with antisense oligonucleotides for treatment of
proliferative diseases
IN Muller, Marcel; Geiger, Thomas; Altmann, Karl-Heinz; Fabbro, Doriano;
Dean, Nicholas Mark; Monia, Brett; Bennett, Clarence Frank
PA Novartis A.-G., Switz.
SO PCT Int. Appl., 108 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| PI WO 9732589 | A1 | 19970912 | WO 1997-EP876 | 19970224 |
| W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP,
KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG,
SI, SK, TR, TT, UA, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, | | | | |
| TM | | | | |
| RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, | | | | |

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IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML,
MR, NE, SN, TD, TG
US 5744460 A 19980428 US 1996-612775 19960307
AU 9720926 A1 19970922 AU 1997-20926 19970224
PRAI US 1996-612775 19960307
WO 1997-EP876 19970224

L5 ANSWER 41 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:584631 CAPLUS
DN 127:248338
TI Acyclic nucleoside analogs. Part II: Acyclic analogs of guanosine, 7-deazaguanosine, and 7-deazaadenosine with a cis-hydroxypentene fragment
AU Tsytovich, A. V.; Shamshin, D. V.; Burkovskii, V. B.; Shvets, V. I.
CS Mosk. Gos. Akad. Tonk. Khim. Tekhnol. im. Lomonosova, Moscow, 117571, Russia
SO Bioorg. Khim. (1995), 21(11), 874-880
CODEN: BIKHD7; ISSN: 0132-3423
PB MAIK Nauka
DT Journal
LA Russian

L5 ANSWER 42 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:533648 CAPLUS
DN 127:220666
TI Preparation of 4-aminopyrrolo[2,3-d]pyrimidines as tyrosine kinase inhibitors
IN Altmann, Eva; Widler, Leo; Missbach, Martin
PA Novartis A.-G, Switz.; Altmann, Eva; Widler, Leo; Missbach, Martin
SO PCT Int. Appl., 48 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---------------|---|----------|-----------------|----------|
| PI | WO 9728161 | A1 | 19970807 | WO 1997-EP350 | 19970127 |
| | W: | AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, | | | |
| TM | RW: | KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | |
| | AU 9715951 | A1 | 19970822 | AU 1997-15951 | 19970127 |
| PRAI | CH 1996-257 | | 19960201 | | |
| | WO 1997-EP350 | | 19970127 | | |
| OS | MARPAT | 127:220666 | | | |

L5 ANSWER 43 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:525861 CAPLUS
DN 127:190749
TI Preparation of pyrrolopyrimidines as inhibitors of protein kinases
IN Traxler, Peter; Frei, Jorg; Bold, Guido
PA Novartis A.-G, Switz.; Traxler, Peter; Frei, Jorg; Bold, Guido.
SO PCT Int. Appl., 60 pp.
CODEN: PIXXD2

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DT Patent
LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---------------|---|----------|-----------------|----------|
| PI | WO 9727199 | A1 | 19970731 | WO 1997-EP127 | 19970113 |
| | W: | AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, | | | |
| TM | RW: | KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | |
| | CA 2242354 | AA | 19970731 | CA 1997-2242354 | 19970113 |
| | AU 9714414 | A1 | 19970820 | AU 1997-14414 | 19970113 |
| | EP 888349 | A1 | 19990107 | EP 1997-901014 | 19970113 |
| | R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | |
| | JP 2000503005 | T2 | 20000314 | JP 1997-523897 | 19970113 |
| PRAI | CH 1996-175 | | 19960123 | | |
| | WO 1997-EP127 | | 19970113 | | |
| OS | MARPAT | 127:190749 | | | |

L5 ANSWER 44 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:478038 CAPLUS
DN 127:156859
TI Interest of cluster significance analysis in structure-affinity relationships for non-xanthine heterocyclic antagonists of adenosine
AU Adenot, M.; Benezech, V.; Bompard, J.; Bonnet, P.A.; Chapat, J.P.; Grassy,
G.
CS Centre de Biochimie Structurale, UMR CNRS 9955, INSERM U414, Faculte de Pharmacie, Montpellier, 34060, Fr.
SO Eur. J. Med. Chem. (1997), 32(6), 493-504
CODEN: EJMCA5; ISSN: 0223-5234
PB Elsevier
DT Journal
LA English

L5 ANSWER 45 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:449357 CAPLUS

DN 127:72942
TI Photographic image formation
IN Sakai, Minoru
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 78 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|-------------|------|----------|-----------------|----------|
| PI | JP 09120120 | A2 | 19970506 | JP 1995-299331 | 19951025 |

L5 ANSWER 46 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:420029 CAPLUS

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DN 127:131626
 TI Probing Flp: a new approach to analyze the structure of a DNA recognizing protein by combining the genetic algorithm, mutagenesis and non-canonical DNA target sites
 AU Saxena, Pratibha; Whang, Ilson; Vozianov, Yuri; Harkey, Cecil; Argos, Patrick; Jayaram, Makkuni; Dandekar, Thomas
 CS Department of Microbiology, University of Texas at Austin, Austin, TX, 78712, USA
 SO Biochim. Biophys. Acta (1997), 1340(2), 187-204
 CODEN: BBACAO; ISSN: 0006-3002
 PB Elsevier
 DT Journal
 LA English

L5 ANSWER 47 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1997:314318 CAPLUS
 DN 127:34200
 TI Synthesis of a tricyclic pyrrolopyrimidine related to N6-hydroxyadenine
 AU Williams, David M.; Yakovlev, Dmitry Yu.; Brown, Daniel M.
 CS Med. Research Council, Lab. Mol. Biol., Cambridge, CB2 2QH, UK
 SO J. Chem. Soc., Perkin Trans. 1 (1997), (8), 1171-1178
 CODEN: JCPRB4; ISSN: 0300-922X
 PB Royal Society of Chemistry
 DT Journal
 LA English

L5 ANSWER 48 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1997:204107 CAPLUS
 DN 126:199578
 TI Preparation of 7H-pyrrolo[2,3-d]pyrimidines as tyrosine protein kinase inhibitors
 IN Traxler, Peter; Bold, Guido; Brill, Wolfgang Karl-Diether; Frei, Joerg
 PA Ciba-Geigy A.-G., Switz.; Traxler, Peter; Bold, Guido; Brill, Wolfgang, Karl-Diether; Frei, Joerg
 SO PCT Int. Appl., 107 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---|------|----------|-----------------|----------|
| PI | WO 9702266 | A1 | 19970123 | WO 1996-EP2728 | 19960624 |
| | W: AL, AU, BB, BG, BR, CA, CN, CZ, EE, GE, HU, IL, IS, JP, KP, KR,
LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR,
TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,
IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML,
MR, NE, SN, TD, TG | | | | |
| | CA 2224435 | AA | 19970123 | CA 1996-2224435 | 19960624 |
| | AU 9664148 | A1 | 19970205 | AU 1996-64148 | 19960624 |
| | AU 707626 | B2 | 19990715 | | |
| | EP 836605 | A1 | 19980422 | EP 1996-923893 | 19960624 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI | | | | |
| | BR 9609617 | A | 19990525 | BR 1996-9617 | 19960624 |
| | JP 11508570 | T2 | 19990727 | JP 1996-504763 | 19960624 |

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|----------------------|------------|--------------|----------|
| ZA 9605723 | A 19970106 | ZA 1996-5723 | 19960705 |
| NO 9705956 | A 19980210 | NO 1997-5956 | 19971218 |
| PRAI CH 1995-1976 | 19950706 | | |
| CH 1995-2498 | 19950901 | | |
| CH 1995-3198 | 19951110 | | |
| CH 1996-255 | 19960201 | | |
| CH 1996-1224 | 19960513 | | |
| WO 1996-EP2728 | 19960624 | | |
| OS MARPAT 126:199578 | | | |

L5 ANSWER 49 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:132775 CAPLUS
DN 126:144288
TI Preparation of heterocyclic ring-fused pyrimidines for treatment of hyperproliferative diseases
IN Arnold, Lee D.; Moyer, Mikel P.; Sobolov-jaynes, Susan B.
PA Pfizer Inc., USA; Arnold, Lee D.; Moyer, Mikel P.; Sobolov-Jaynes, Susan B.
SO PCT Int. Appl., 62 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|------|----------|-----------------|----------|
| PI | WO 9640142 | A1 | 19961219 | WO 1995-US7881 | 19950607 |
| | W: CA, FI, JP, MX, US | | | | |
| | RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| | CA 2223081 | AA | 19961219 | CA 1995-2223081 | 19950607 |
| | EP 831829 | A1 | 19980401 | EP 1995-924027 | 19950607 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE | | | | |
| | CN 1141298 | A | 19970129 | CN 1996-108101 | 19960605 |
| | NO 9602386 | A | 19961209 | NO 1996-2386 | 19960606 |
| | AU 9654791 | A1 | 19961219 | AU 1996-54791 | 19960606 |
| | BR 9602695 | A | 19981006 | BR 1996-2695 | 19960607 |
| | FI 9704443 | A | 19971205 | FI 1997-4443 | 19971205 |
| PRAI | WO 1995-US7881 | | 19950607 | | |
| OS | MARPAT 126:144288 | | | | |

L5 ANSWER 50 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:130042 CAPLUS
DN 126:131751
TI Preparation of C-4' modified nucleosides as adenosine kinase inhibitors
IN Boyer, Serge H.; Erion, Mark D.; Ugarkar, Bheemarao G.
PA Gensia Inc., USA
SO PCT Int. Appl., 101 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 14

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|--|------|----------|-----------------|----------|
| PI | WO 9640705 | A1 | 19961219 | WO 1996-US10404 | 19960607 |
| | W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, | | | | |
| | ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, | | | | |
| | LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, | | | | |

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|---|-------------|-----------------|-----------------|-------|
| SE, SG | | | | |
| RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN | | | | |
| US 5674998 | A 19971007 | US 1995-486161 | 19950607 | |
| AU 9661783 | A1 19961230 | AU 1996-61783 | 19960607 | |
| EP 832091 | A1 19980401 | EP 1996-919442 | 19960607 | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| JP 11507387 | T2 19990629 | JP 1996-502290 | 19960607 | |
| BR 9609013 | A 19991214 | BR 1996-9013 | 19960607 | |
| NO 9705585 | A 19980205 | NO 1997-5585 | 19971203 | |
| PRAI US 1995-486161 | 19950607 | | | |
| US 1989-408707 | 19890918 | | | |
| US 1990-466979 | 19900118 | | | |
| US 1991-647117 | 19910123 | | | |
| US 1991-812916 | 19911223 | | | |
| US 1994-191282 | 19940203 | | | |
| WO 1996-US10404 | 19960607 | | | |
| OS MARPAT 126:131751 | | | | |
| L5 ANSWER 51 OF 175 CAPLUS COPYRIGHT 2000 ACS | | | | |
| AN 1997:121409 CAPLUS | | | | |
| DN 126:131750 | | | | |
| TI Preparation of nucleoside analogs as orally active adenosine kinase inhibitors | | | | |
| IN Ugarkar, Gheemarao G.; Erion, Mark D.; Galeno, Jorge E. Gomez; Castellino, Angelo J.; Browne, Clinton E. | | | | |
| PA Gensia Inc., USA | | | | |
| SO PCT Int. Appl., 67 pp. | | | | |
| CODEN: PIXXD2 | | | | |
| DT Patent | | | | |
| LA English | | | | |
| FAN.CNT 14 | | | | |
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
| ----- | ----- | ----- | ----- | ----- |
| PI WO 9640706 | A1 19961219 | WO 1996-US10919 | 19960607 | |
| W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG | | | | |
| RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN | | | | |
| US 5721356 | A 19980224 | US 1995-473491 | 19950607 | |
| AU 9663958 | A1 19961230 | AU 1996-63958 | 19960607 | |
| EP 832092 | A1 19980401 | EP 1996-923451 | 19960607 | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| JP 11507390 | T2 19990629 | JP 1996-502318 | 19960607 | |
| BR 9608625 | A 19991207 | BR 1996-8625 | 19960607 | |
| PRAI US 1995-473491 | 19950607 | | | |
| US 1989-408707 | 19890915 | | | |
| US 1990-466979 | 19900118 | | | |
| US 1991-647117 | 19910123 | | | |
| US 1991-812916 | 19911223 | | | |
| WO 1996-US10919 | 19960607 | | | |

V. Balasubramanian

OS MARPAT 126:131750

L5 ANSWER 52 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:119216 CAPLUS
DN 126:131749
TI Preparation of water-soluble nucleoside analogs as adenosine kinase inhibitors
IN Ugarkar, Bheemarao G.; Erion, Mark D.; Galeno, Jorge E. Gomez
PA Gensia Inc., USA
SO PCT Int. Appl., 106 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 14

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|----------|----------|-----------------|----------|
| PI | WO 9640707 | A1 | 19961219 | WO 1996-US10956 | 19960607 |
| | W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE,
ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS,
LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD,
SE, SG | | | | |
| | RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,
IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN | | | | |
| | US 5726302 | A | 19980310 | US 1995-473492 | 19950607 |
| | AU 9664790 | A1 | 19961230 | AU 1996-64790 | 19960607 |
| | EP 836613 | A1 | 19980422 | EP 1996-924302 | 19960607 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI | | | | |
| | JP 11509181 | T2 | 19990817 | JP 1996-502319 | 19960607 |
| | BR 9609011 | A | 19991214 | BR 1996-9011 | 19960607 |
| PRAI | US 1995-473492 | 19950607 | | | |
| | US 1989-408707 | 19890918 | | | |
| | US 1990-466979 | 19900118 | | | |
| | US 1991-647117 | 19910123 | | | |
| | US 1991-812916 | 19911223 | | | |
| | WO 1996-US10956 | 19960607 | | | |
| OS | MARPAT 126:131749 | | | | |

L5 ANSWER 53 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1996:685153 CAPLUS
DN 125:328725
TI Preparation of heterocyclic compounds as antitumor agents
IN Aono, Tetsuya; Marui, Shogo; Itoh, Fumio; Yamaoka, Masuo; Nakao, Masafumi
PA Takeda Chemical Industries, Ltd., Japan
SO Eur. Pat. Appl., 145 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|--|------|----------|-----------------|----------|
| PI | EP 733633 | A1 | 19960925 | EP 1996-104176 | 19960315 |
| | R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, NL, PT,
SE | | | | |
| | US 5753664 | A | 19980519 | US 1996-614893 | 19960313 |
| | CA 2171932 | AA | 19960917 | CA 1996-2171932 | 19960315 |

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|----------------------|----|----------|---------------|----------|
| JP 09095485 | A2 | 19970408 | JP 1996-59508 | 19960315 |
| PRAI JP 1995-56869 | | 19950316 | | |
| JP 1995-191770 | | 19950727 | | |
| OS MARPAT 125:328725 | | | | |

L5 ANSWER 54 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1996:488756 CAPLUS
DN 125:123719
TI Treatment of toxoplasmosis
IN El Kouni, Mahmoud H.; Guarcello, Vincent; Naguib, Fardos N. M.
PA University of Alabama at Birmingham Research Foundation, USA
SO PCT Int. Appl., 46 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|------|----------|-----------------|----------|
| PI | WO 9618398 | A1 | 19960620 | WO 1995-US16343 | 19951214 |
| | W: CA, JP | | | | |
| | RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| US | 5773424 | A | 19980630 | US 1994-358195 | 19941216 |
| CA | 2183598 | AA | 19960620 | CA 1995-2183598 | 19951214 |
| EP | 755255 | A1 | 19970129 | EP 1995-944112 | 19951214 |
| | R: DE, FR, GB | | | | |
| PRAI | US 1994-358195 | | 19941216 | | |
| | WO 1995-US16343 | | 19951214 | | |
| OS | MARPAT 125:123719 | | | | |

L5 ANSWER 55 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1996:350451 CAPLUS

DN 125:114669

TI Carbocyclic adenosine analogs useful as immunosuppressants
IN Borcherding, David R.; Edwards, Iii Carl K.; Esser, Ronald E.
PA Merrell Dow Pharmaceuticals Inc., USA
SO U.S., 13 pp. Cont.-in-part of U.S. Ser. No. 94,837, abandoned.
CODEN: USXXAM

DT Patent

LA English

FAN.CNT 3

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------|------|----------|-----------------|----------|
| PI | US 5514688 | A | 19960507 | US 1994-241814 | 19940512 |
| | ZA 9107152 | A | 19920527 | ZA 1991-7152 | 19910909 |
| | US 5244896 | A | 19930914 | US 1992-824411 | 19920123 |
| | US 5470857 | A | 19951128 | US 1994-336706 | 19941108 |
| | US 5631258 | A | 19970520 | US 1995-427937 | 19950426 |
| PRAI | US 1990-582280 | | 19900914 | | |
| | US 1991-748172 | | 19910823 | | |
| | US 1992-824411 | | 19920123 | | |
| | US 1993-94837 | | 19930721 | | |
| | US 1990-582265 | | 19900914 | | |
| | US 1991-748173 | | 19910823 | | |
| | US 1993-123577 | | 19930917 | | |
| | US 1994-212338 | | 19940314 | | |
| | US 1994-241814 | | 19940512 | | |

V. Balasubramanian

OS MARPAT 125:114669

L5 ANSWER 56 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1996:338201 CAPLUS
DN 124:331709
TI 4-(Phenylamino)pyrrolopyrimidines: Potent and Selective, ATP Site
Directed
Inhibitors of the EGF-Receptor Protein Tyrosine Kinase
AU Traxler, Peter M.; Furet, Pascal; Mett, Helmut; Buchdunger, Elisabeth;
Meyer, Thomas; Lydon, Nicholas
CS Cancer and Bone Metabolism Research Department, CIBA Limited, Basel,
CH-4002, Switz.
SO J. Med. Chem. (1996), 39(12), 2285-2292
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English

L5 ANSWER 57 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1996:307408 CAPLUS
DN 124:343782
TI 4-Amino-6,6-dimethyl-5,6-dihydro-8H-pyrano (4',3':4,5)pyrrolo(2,3-
d)pyrimidine
IN Noravyan, A. S.; Paronikyan, E. G.; Mirzoyan, G. V.; Vartanyan, S. A.
PA Institut Tonkoj Organicheskoy Khimii im.A.L.Mndzhoyana, USSR
SO U.S.S.R.
From: Izobreteniya 1995, (30), 284.
CODEN: URXXAF
DT Patent
LA Russian
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|-------|----------|-----------------|----------|
| ----- | ----- | ----- | ----- | ----- |
| PI SU 1088331 | A1 | 19951027 | SU 1982-3507841 | 19821103 |

L5 ANSWER 58 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1996:195579 CAPLUS
DN 124:255957
TI Specific photoaffinity labeling of a thylakoid membrane protein with an
azido-cytokinin agonist
AU Nogue, F.; Mornet, R.; Laloue, M.
CS Laboratoire Biologie Cellulaire, Institut National Recherche Agronomique,
Versailles, 78000, Fr.
SO Plant Growth Regul. (1996), 18(1-2), 51-8
CODEN: PGRED3; ISSN: 0167-6903
DT Journal
LA English

L5 ANSWER 59 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1996:73228 CAPLUS
DN 124:116947
TI Synthesis of Non-nucleoside Analogs of Toyocamycin, Sangivamycin, and
Thiosangivamycin: Influence of Various 7-Substituents on Antiviral
Activity
AU Renau, Thomas E.; Wotring, Linda L.; Drach, John C.; Townsend, Leroy B.
CS Department of Medicinal and Pharmaceutical Chemistry, College of Pharmacy,
Ann Arbor, MI, 48109-1065, USA

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SO J. Med. Chem. (1996), 39(4), 873-80
CODEN: JMCMAR; ISSN: 0022-2623

DT Journal
LA English

L5 ANSWER 60 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1995:998042 CAPLUS
DN 124:176133
TI Preparation of 4-anilino-7H-pyrrolo[2,3-d]pyrimidines with antiproliferative activity.
IN Traxler, Peter; Furet, Pascal; Brill, Wolfgang K. D.
PA Ciba-Geigy A.-G., Switz.
SO Eur. Pat. Appl., 31 pp.
CODEN: EPXXDW
DT Patent
LA German
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| PI EP 682027 | A1 | 19951115 | EP 1995-810271 | 19950425 |
| EP 682027 | B1 | 19971015 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, | | | | |
| SE AT 159257 | E | 19971115 | AT 1995-810271 | 19950425 |
| ES 2109796 | T3 | 19980116 | ES 1995-810271 | 19950425 |
| AU 9517722 | A1 | 19951109 | AU 1995-17722 | 19950427 |
| AU 695244 | B2 | 19980813 | | |
| FI 9502033 | A | 19951104 | FI 1995-2033 | 19950428 |
| HU 71818 | A2 | 19960228 | HU 1995-1230 | 19950428 |
| CA 2148324 | AA | 19951104 | CA 1995-2148324 | 19950501 |
| JP 08053454 | A2 | 19960227 | JP 1995-107305 | 19950501 |
| ZA 9503495 | A | 19951103 | ZA 1995-3495 | 19950502 |
| NO 9501684 | A | 19951106 | NO 1995-1684 | 19950502 |
| CN 1128263 | A | 19960807 | CN 1995-105418 | 19950502 |
| US 5686457 | A | 19971111 | US 1995-434419 | 19950503 |
| PRAI CH 1994-1385 | | 19940503 | | |
| CH 1995-245 | | 19950130 | | |
| OS MARPAT 124:176133 | | | | |

L5 ANSWER 61 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1995:981651 CAPLUS
DN 124:110636
TI Structure-activity relationships for the binding of ligands to xanthine or guanine phosphoribosyltransferase from *Toxoplasma gondii*
AU Naguib, Fardos N. M.; Iltzsch, Max H.; el Kouni, Mustapha M.; Panzica, Raymond P.; el Kouni, Mahmoud H.
CS Dep. Pharmacology Toxicology, Univ. Alabama, Birmingham, AL, 35294, USA
SO Biochem. Pharmacol. (1995), 50(10), 1685-93
CODEN: BCPA6; ISSN: 0006-2952
DT Journal
LA English

L5 ANSWER 62 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1995:969439 CAPLUS
DN 124:8840

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TI Preparation of pyrimidine-fused tricyclic compounds capable of inhibiting tyrosine kinases of the epidermal growth factor receptor family

IN Bridges, Alexander James; Denny, William Alexander; Fry, David; Kraker, Alan; Meyer, Robert; Newcastle, Gordon William; Thompson, Andrew Mark; Showalter, Howard Daniel Hollis

PA Warner-Lambert Co., USA

SO PCT Int. Appl., 281 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 4

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|------|----------|-----------------|----------|
| PI | WO 9519970 | A1 | 19950727 | WO 1995-US911 | 19950123 |
| | W: AM, AU, BG, BY, CA, CN, CZ, EE, FI, GE, HU, JP, KG, KR, KZ, LT,
LV, MD, MX, NO, NZ, PL, RO, RU, SI, SK, TJ, UA, UZ
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| | US 5679683 | A | 19971021 | US 1994-358352 | 19941223 |
| | ZA 9500440 | A | 19951010 | ZA 1995-440 | 19950119 |
| | AU 9518334 | A1 | 19950808 | AU 1995-18334 | 19950123 |
| | AU 686339 | B2 | 19980205 | | |
| | EP 741711 | A1 | 19961113 | EP 1995-910116 | 19950123 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, | | | | |
| SE | JP 09508126 | T2 | 19970819 | JP 1995-519721 | 19950123 |
| | FI 9602855 | A | 19960913 | FI 1996-2855 | 19960715 |
| | NO 9603093 | A | 19960724 | NO 1996-3093 | 19960724 |
| PRAI | US 1994-186735 | | 19940125 | | |
| | US 1994-186745 | | 19940125 | | |
| | US 1994-358352 | | 19941223 | | |
| | WO 1995-US911 | | 19950123 | | |
| OS | MARPAT 124:8840 | | | | |

L5 ANSWER 63 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1995:969436 CAPLUS

DN 124:8839

TI Preparation of bicyclic pyrimidines capable of inhibiting tyrosine kinases

of the epidermal growth factor receptor family

IN Bridges, Alexander James; Denny, William Alexander; Fry, David; Kraker, Alan; Meyer, Robert; Newcastle, Gordon William; Thompson, Andrew Mark

PA Warner-Lambert Co., USA

SO PCT Int. Appl., 218 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 4

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|--|------|----------|-----------------|----------|
| PI | WO 9519774 | A1 | 19950727 | WO 1995-US941 | 19950123 |
| | W: AM, AU, BG, BY, CA, CN, CZ, EE, FI, GE, HU, JP, KG, KR, KZ, LT,
LV, MD, MX, NO, NZ, PL, RO, RU, SI, SK, TJ, UA, UZ
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| | US 5654307 | A | 19970805 | US 1994-358351 | 19941223 |
| | ZA 9500440 | A | 19951010 | ZA 1995-440 | 19950119 |
| | AU 9517314 | A1 | 19950808 | AU 1995-17314 | 19950123 |

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|--|---|----------|----------------|-----------------|----------|
| AU 686334 | B2 | 19980205 | | | |
| EP 742717 | A1 | 19961120 | EP 1995-909316 | 19950123 | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, | | | | | |
| SE | JP 09508127 | T2 | 19970819 | JP 1995-519732 | |
| | FI 9602856 | A | 19960925 | FI 1996-2856 | |
| | NO 9603094 | A | 19960724 | NO 1996-3094 | |
| PRAI | US 1994-186735 | 19940125 | | | |
| | US 1994-186745 | 19940125 | | | |
| | US 1994-358351 | 19941223 | | | |
| | WO 1995-US941 | 19950123 | | | |
| OS | MARPAT 124:8839 | | | | |
| L5 | ANSWER 64 OF 175 CAPLUS COPYRIGHT 2000 ACS | | | | |
| AN | 1995:950912 CAPLUS | | | | |
| DN | 124:176023 | | | | |
| TI | Synthesis of 1,2,4-triazolo[4,3-c]-, tetrazolo[1,5-c]- and 1,2,4-triazino[5,6-c]pyrano[4',3':4,5]pyrrolo[3,2-e]pyrimidine derivatives | | | | |
| AU | Paronikyan, E. G.; Noravyan, A. S. | | | | |
| CS | Inst. Tonkoi Org. Khim. im. Mndzhoyana, Yerevan, 375014, Armenia | | | | |
| SO | Khim. Geterotsikl. Soedin. (1995), (5), 700-3 | | | | |
| | CODEN: KGSSAQ; ISSN: 0132-6244 | | | | |
| DT | Journal | | | | |
| LA | Russian | | | | |
| L5 | ANSWER 65 OF 175 CAPLUS COPYRIGHT 2000 ACS | | | | |
| AN | 1995:658539 CAPLUS | | | | |
| DN | 123:285616 | | | | |
| TI | Synthesis of certain alkenyl purines and purine analogs | | | | |
| AU | Rao, T. Sudhakar; Revankar, Ganapathi R. | | | | |
| CS | Triplex Pharmaceutical Corporation, The Woodlands, TX, 77380, USA | | | | |
| SO | J. Heterocycl. Chem. (1995), 32(3), 1043-9 | | | | |
| | CODEN: JHTCAD; ISSN: 0022-152X | | | | |
| DT | Journal | | | | |
| LA | English | | | | |
| L5 | ANSWER 66 OF 175 CAPLUS COPYRIGHT 2000 ACS | | | | |
| AN | 1995:605449 CAPLUS | | | | |
| DN | 123:127424 | | | | |
| TI | Method for processing a black-and-white silver halide photographic light-sensitive material. | | | | |
| IN | Fukawa, Junichi; Goto, Kenji; Sampei, Takeshi | | | | |
| PA | Konica Corp., Japan | | | | |
| SO | Eur. Pat. Appl., 63 pp. | | | | |
| | CODEN: EPXXDW | | | | |
| DT | Patent | | | | |
| LA | English | | | | |
| FAN.CNT 1 | | | | | |
| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
| PI | EP 631179 | A1 | 19941228 | EP 1994-303803 | 19940526 |
| | EP 631179 | B1 | 20000405 | | |
| | R: DE, FR, GB, IT | | | | |
| | JP 06347953 | A2 | 19941222 | JP 1993-138704 | 19930610 |
| | US 5441847 | A | 19950815 | US 1994-249455 | 19940526 |

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PRAI JP 1993-138704 19930610
OS MARPAT 123:127424

L5 ANSWER 67 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1995:594357 CAPLUS
DN 123:2743
TI Systematic evolution of ligands by exponential enrichment using
photoselection of nucleic acid ligands and using the exponential
selection
and enrichment method SELEX in solution
IN Gold, Larry; Willis, Michael; Koch, Tad; Ringquist, Steven; Jensen, Kirk;
Atkinson, Brent
PA University Research Corp., USA
SO PCT Int. Appl., 136 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 84

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | WO 9508003 | A1 | 19950323 | WO 1994-US10562 | 19940916 |
| | W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU,
JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO,
RU, SD, SE, SK, UA, US, US, UZ, VN | | | | |
| | RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE,
BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | | |
| | CA 2169535 | AA | 19950323 | CA 1994-2169535 | 19940916 |
| | AU 9477987 | A1 | 19950403 | AU 1994-77987 | 19940916 |
| | AU 692185 | B2 | 19980604 | | |
| | EP 736105 | A1 | 19961009 | EP 1994-928621 | 19940916 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, | | | | |
| SE | JP 09502616 | T2 | 19970318 | JP 1994-509401 | 19940916 |
| | US 5763177 | A | 19980609 | US 1996-612895 | 19960308 |
| | AU 9852711 | A1 | 19980521 | AU 1998-52711 | 19980123 |
| PRAI | US 1993-123935 | | 19930917 | | |
| | US 1993-143564 | | 19931025 | | |
| | US 1990-536428 | | 19900611 | | |
| | US 1991-714131 | | 19910610 | | |
| | US 1992-931473 | | 19920817 | | |
| | WO 1994-US10562 | | 19940916 | | |

L5 ANSWER 68 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1995:316538 CAPLUS
DN 122:201093
TI Black-and-white silver halide photographic developer composition
IN Sanpei, Takeshi
PA Konishiroku Photo Ind, Japan
SO Jpn. Kokai Tokkyo Koho, 28 pp.
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|-------------|------|----------|-----------------|----------|
| PI | JP 06308680 | A2 | 19941104 | JP 1993-96118 | 19930422 |

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L5 ANSWER 69 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1995:245471 CAPLUS
DN 123:170044
TI Synthesis of 2'-deoxy-.beta.-D-ribonucleosides and 2,3-dideoxy-.beta.-D-pentofuranosides on immobilized bacterial cells
AU Votruba, Ivan; Holy, Antonin; Dvorakova, Hana; Gunter, Jaroslav; Hockova, Dana; Hrebabecky, Hubert; Cihlar, Tomas; Masojidkova, Milena
CS Institute Organic Chemistry Biochemistry, Academy Sciences Czech Republic,
Prague, 166 10, Czech Rep.
SO Collect. Czech. Chem. Commun. (1994), 59(10), 2303-30
CODEN: CCCCAK; ISSN: 0010-0765
DT Journal
LA English

L5 ANSWER 70 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1995:137254 CAPLUS
DN 122:55987
TI A convenient method for regioselective C-5 halogenation of 4(3H)-oxo-7H-pyrrolo[2,3-d]pyrimidines
AU Barnett, Charles J.; Kobierski, Michael E.
CS Lilly Res. Labs., Lilly Corp. Cent., Indianapolis, IN, 46285-4813, USA
SO J. Heterocycl. Chem. (1994), 31(5), 1181-3
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English
OS CASREACT 122:55987

L5 ANSWER 71 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1995:9117 CAPLUS
DN 122:208530
TI Evidence that total substitution of adenine with 7-deazaadenine in the HDV antigenomic ribozyme changes the kinetics of RNA folding
AU Wieczorek, Ania; Dinter-Gottlieb, Gail; Gottlieb, Philip A.
CS Dep. Biosci. Biotechnol., Drexel Univ., Philadelphia, PA, 19104, USA
SO Bioorg. Med. Chem. Lett. (1994), 4(8), 987-94
CODEN: BMCLE8; ISSN: 0960-894X
DT Journal
LA English

L5 ANSWER 72 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1994:711784 CAPLUS
DN 121:311784
TI Composition for developing a black-and-white silver halide photographic light-sensitive material.
IN Ishikawa, Wataru; Sanpei, Takeshi; Kato, Mariko
PA Konica Corp., Japan
SO Eur. Pat. Appl., 41 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|-------|-------|-----------------|-------|
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|------|-------------------|----------|----------|----------------|----------|
| PI | EP 601503 | A2 | 19940615 | EP 1993-119560 | 19931204 |
| | EP 601503 | A3 | 19940706 | | |
| | EP 601503 | B1 | 20000607 | | |
| | R: DE, FR, GB, IT | | | | |
| | JP 06175302 | A2 | 19940624 | JP 1992-329601 | 19921209 |
| | JP 06186691 | A2 | 19940708 | JP 1992-342765 | 19921222 |
| | JP 06258783 | A2 | 19940916 | JP 1993-45345 | 19930305 |
| | US 5508153 | A | 19960416 | US 1995-380147 | 19950127 |
| PRAI | JP 1992-329601 | 19921209 | | | |
| | JP 1992-342765 | 19921222 | | | |
| | JP 1993-45345 | 19930305 | | | |
| | US 1993-159847 | 19931201 | | | |
| OS | MARPAT 121:311784 | | | | |

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|-----------|--|----------|----------|-----------------------|----------|
| L5 | ANSWER 73 OF 175 CAPLUS COPYRIGHT 2000 ACS | | | | |
| AN | 1994:658245 CAPLUS | | | | |
| DN | 121:258245 | | | | |
| TI | DNA sequencing by mass spectrometry | | | | |
| IN | Koester, Hubert | | | | |
| PA | USA | | | | |
| SO | PCT Int. Appl., 94 pp. | | | | |
| | CODEN: PIXXD2 | | | | |
| DT | Patent | | | | |
| LA | English | | | | |
| FAN.CNT 5 | | | | | |
| | PATENT NO. | KIND | DATE | APPLICATION NO.. DATE | |
| PI | WO 9416101 | A2 | 19940721 | WO 1994-US193 | 19940106 |
| | WO 9416101 | A3 | 19941124 | | |
| | W: AU, CA, CN, JP, RU | | | | |
| | RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| | CA 2153387 | AA | 19940721 | CA 1994-2153387 | 19940106 |
| | AU 9459929 | A1 | 19940815 | AU 1994-59929 | 19940106 |
| | AU 694940 | B2 | 19980806 | | |
| | EP 679196 | A1 | 19951102 | EP 1994-906047 | 19940106 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, | | | | |
| SE | JP 08509857 | T2 | 19961022 | JP 1994-516209 | 19940106 |
| | AU 9891379 | A1 | 19990114 | AU 1998-91379 | 19981106 |
| PRAI | US 1993-1323 | 19930107 | | | |
| | AU 1994-59929 | 19940106 | | | |
| | WO 1994-US193 | 19940106 | | | |

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|-----------|--|------|------|----------------------|--|
| L5 | ANSWER 74 OF 175 CAPLUS COPYRIGHT 2000 ACS | | | | |
| AN | 1994:436199 CAPLUS | | | | |
| DN | 121:36199 | | | | |
| TI | Preparation of N-[pyrrolo[2,3-d]pyrimidin-3-ylacyl]glutamates as neoplasm inhibitors | | | | |
| IN | Taylor, Edward C.; Kuhnt, Dietmar G.; Shih, Chuan; Grindey, Gerald B. | | | | |
| PA | Princeton University, USA | | | | |
| SO | U.S., 9 pp. Cont.-in-part of U.S. Ser. No. 674,541. | | | | |
| | CODEN: USXXAM | | | | |
| DT | Patent | | | | |
| LA | English | | | | |
| FAN.CNT 3 | | | | | |
| | PATENT NO. | KIND | DATE | APPLICATION NO. DATE | |

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|------|------------------|----------|----------|----------------|----------|
| PI | US 5248775 | A | 19930928 | US 1992-830111 | 19920131 |
| | US 5028608 | A | 19910702 | US 1990-528155 | 19900524 |
| | CN 1055182 | A | 19911009 | CN 1990-110125 | 19901211 |
| | CN 1030608 | B | 19960103 | | |
| | US 5344932 | A | 19940906 | US 1991-674541 | 19910322 |
| PRAI | US 1989-448742 | 19891211 | | | |
| | US 1990-528155 | 19900524 | | | |
| | US 1991-674541 | 19910322 | | | |
| | US 1991-686119 | 19910415 | | | |
| | US 1990-479655 | 19900208 | | | |
| OS | MARPAT 121:36199 | | | | |

L5 ANSWER 75 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1994:409933 CAPLUS
 DN 121:9933
 TI Stereoselective glycosylation process
 IN Chou, Ta Sen; Poteet, Laurie Michelle; Kjell, Douglas Patton; Grossman, Cora Sue; Hertel, Larry Wayne; Holmes, Richard Elmer; Jones, Charles David; Mabry, Thomas Edward
 PA Lilly, Eli, and Co., USA
 SO Eur. Pat. Appl., 49 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 8

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|----------|----------|-----------------|----------|
| | ----- | ----- | ----- | ----- | ----- |
| PI | EP 577303 | A1 | 19940105 | EP 1993-304817 | 19930621 |
| | EP 577303 | B1 | 19971001 | | |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE | | | | |
| | US 5371210 | A | 19941206 | US 1992-902312 | 19920622 |
| | US 5401838 | A | 19950328 | US 1993-44343 | 19930407 |
| | US 5426183 | A | 19950620 | US 1993-44312 | 19930407 |
| | US 5594124 | A | 19970114 | US 1993-44345 | 19930407 |
| | US 5821357 | A | 19981013 | US 1993-44996 | 19930407 |
| PRAI | US 1992-902112 | 19920622 | | | |
| | US 1992-902135 | 19920622 | | | |
| | US 1992-902150 | 19920622 | | | |
| | US 1992-902302 | 19920622 | | | |
| | US 1992-902312 | 19920622 | | | |
| | US 1992-902313 | 19920622 | | | |
| | US 1993-44309 | 19930407 | | | |
| | US 1993-44312 | 19930407 | | | |
| | US 1993-44315 | 19930407 | | | |
| | US 1993-44343 | 19930407 | | | |
| | US 1993-44345 | 19930407 | | | |
| | US 1993-44996 | 19930407 | | | |
| OS | CASREACT 121:9933; MARPAT 121:9933 | | | | |

L5 ANSWER 76 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1994:323513 CAPLUS
 DN 120:323513
 TI New 4-amino-7,8-dimethoxy-5H-pyrimido[5,4-b]indole derivatives: synthesis and studies as inhibitors of phosphodiesterases
 AU Monge, Antonio; Martinez-Crespo, Francisco J.; Aranzazu Villanueva, Maria;

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Font, Maria; Santiago, Esteban; Martinez de Irujo, Juan J.; Alberdi, Elena; Lopez-Unzu, Maria Jose; Cenarruzabeitia, Edurne; et al.
CS Cent. Invest. Appl. Pharmacobiol., Univ. Navarre, Pamplona, 31080, Spain
SO Arch. Pharm. (Weinheim, Ger.) (1993), 326(11), 879-85
CODEN: ARPMAS; ISSN: 0365-6233

DT Journal
LA English

L5 ANSWER 77 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1994:31113 CAPLUS
DN 120:31113
TI Synthesis and biological effects of N-(2-phosphonomethoxyethyl) derivatives of deazapurine bases
AU Dvorakova, Hana; Holy, Antonin
CS Inst. Org. Chem. Biochem., Acad. Sci. Czech Repub., Prague, 166 10, Czech Rep.
SO Collect. Czech. Chem. Commun. (1993), 58(6), 1419-29
CODEN: CCCCAK; ISSN: 0010-0765
DT Journal
LA English

L5 ANSWER 78 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1994:8904 CAPLUS
DN 120:8904
TI A practical synthesis of the antibiotic toyocamycin
AU Sharma, Moheshwar; Bloch, Alexander; Bobek, Miroslav
CS Dep. Exp. Ther., Roswell Park Cancer Inst., Buffalo, NY, 14263, USA
SO Nucleosides Nucleotides (1993), 12(6), 643-8
CODEN: NUNUD5; ISSN: 0732-8311
DT Journal
LA English
OS CASREACT 120:8904

L5 ANSWER 79 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1994:8612 CAPLUS
DN 120:8612
TI Regioselective halogenation process for the synthesis of 4-hydroxy-5-halopyrrolo[2,3-d]pyrimidines
IN Barnett, Charles J.; Kobierski, Michael E.
PA Lilly, Eli, and Co., USA
SO U.S., 6 pp.
CODEN: USXXAM
DT Patent
LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---|------|----------|-----------------|----------|
| PI | US 5235053 | A | 19930810 | US 1992-902116 | 19920622 |
| | CA 2098694 | AA | 19931223 | CA 1993-2098694 | 19930617 |
| | EP 576211 | A2 | 19931229 | EP 1993-304733 | 19930617 |
| | EP 576211 | A3 | 19940615 | | |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE | | | | |
| | IL 106054 | A1 | 19970713 | IL 1993-106054 | 19930617 |
| | IL 119053 | A1 | 19981206 | IL 1993-119053 | 19930617 |
| | BR 9302432 | A | 19940111 | BR 1993-2432 | 19930621 |
| | JP 06056838 | A2 | 19940301 | JP 1993-149141 | 19930621 |

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HU 65439 A2 19940628 HU 1993-1829 19930621
PRAI US 1992-902116 19920622
IL 1993-106054 19930617
OS CASREACT 120:8612; MARPAT 120:8612

L5 ANSWER 80 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1993:650354 CAPLUS
DN 119:250354
TI Synthesis and biological effects of
9-(3-hydroxy-2-phosphonomethoxypropyl)
derivatives of deazapurine bases
AU Dvorakova, Hana; Holy, Antonin; Alexander, Petr
CS Inst. Org. Chem. Biochem., Acad. Sci. the Czech Repub., Prague, 166 10,
Czech Rep.
SO Collect. Czech. Chem. Commun. (1993), 58(6), 1403-18
CODEN: CCCCAK; ISSN: 0010-0765
DT Journal
LA English

L5 ANSWER 81 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1993:524821 CAPLUS
DN 119:124821
TI Preparation for promoting hair growth
IN Hanada, Seigo; Yamamoto, Shinji
PA Sansho Seiyaku Co., Ltd., Japan
SO Eur. Pat. Appl., 36 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|----------|----------|-----------------|----------|
| PI EP 540854 | A2 | 19930512 | EP 1992-115434 | 19920909 |
| EP 540854 | A3 | 19930728 | | |
| EP 540854 | B1 | 19980121 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE | | | | |
| JP 05320028 | A2 | 19931203 | JP 1992-214405 | 19920811 |
| JP 2636118 | B2 | 19970730 | | |
| AU 9222817 | A1 | 19830311 | AU 1992-22817 | 19920907 |
| AU 659861 | B2 | 19950601 | | |
| NO 9203503 | A | 19930311 | NO 1992-3503 | 19920909 |
| CA 2077850 | AA | 19930311 | CA 1992-2077850 | 19920909 |
| AT 162394 | E | 19980215 | AT 1992-115434 | 19920909 |
| ES 2114900 | T3 | 19980616 | ES 1992-115434 | 19920909 |
| US 5656264 | A | 19970812 | US 1995-394217 | 19950224 |
| PRAI JP 1991-230630 | 19910910 | | | |
| JP 1992-214405 | 19920811 | | | |
| JP 1991-220630 | 19910910 | | | |
| US 1992-942188 | 19920909 | | | |
| US 1993-104608 | 19930811 | | | |
| OS MARPAT 119:124821 | | | | |

L5 ANSWER 82 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1993:517713 CAPLUS
DN 119:117713
TI Synthesis and biological effects of acyclic analogs of deazapurine

V. Balasubramanian

nucleosides

AU Dvorakova, Hana; Holy, Antonin; Votruba, Ivan; Masojidkova, Milena
CS Inst. Org. Chem. Biochem., Acad. Sci. Czech Republic, Prague, 166 10,
Czech.
SO Collect. Czech. Chem. Commun. (1993), 58(3), 629-48
CODEN: CCCCCAK; ISSN: 0010-0765
DT Journal
LA English

L5 ANSWER 83 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1992:236073 CAPLUS
DN 116:236073
TI A synthesis and an x-ray analysis of 2'-C-, 3'-C- and 5'-C-
methylsangivamycins
AU Murai, Yasushi; Shiroto, Hironori; Ishizaki, Tatsuya; Iimori, Takamasa;
Kodama, Yoshio; Ohtsuka, Yasuo; Oishi, Takeshi
CS Fac. Eng., Yokohama Natl. Univ., Yokohama, 240, Japan
SO Heterocycles (1992), 33(1), 391-404
CODEN: HTCYAM; ISSN: 0385-5414
DT Journal
LA English

L5 ANSWER 84 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1992:194259 CAPLUS
DN 116:194259
TI Pyrimido[1,6-a]benzimidazoles: a new class of DNA gyrase inhibitors
AU Hubschwerlen, C.; Pflieger, P.; Specklin, J. L.; Gubernator, K.;
Gmuender,
H.; Angehrn, P.; Kompis, I.
CS Pharma Div., F. Hoffmann-La Roche Ltd., Basel, CH-4002, Switz.
SO J. Med. Chem. (1992), 35(8), 1385-92
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English

L5 ANSWER 85 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:673666 CAPLUS
DN 115:273666
TI Ethidium bromide does not fluoresce when intercalated adjacent to
7-deazaguanine in duplex DNA
AU Latimer, Laura J. P.; Lee, Jeremy S.
CS Dep. Biochem., Univ. Saskatchewan, Saskatoon, SK, S7N 0W0, Can.
SO J. Biol. Chem. (1991), 266(21), 13849-51
CODEN: JBCHA3; ISSN: 0021-9258
DT Journal
LA English

L5 ANSWER 86 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:656638 CAPLUS
DN 115:256638
TI Preparation of N-(pyrrolo[2,3-d]pyrimidin-3-ylacyl)glutamic acid
derivatives as neoplasm inihibitors
IN Taylor, Edward C.; Kuhnt, Dietmar G.; Shih, Chuan; Grindey, Gerald B.
PA Princeton University, USA
SO Eur. Pat. Appl., 28 pp.
CODEN: EPXXDW

V. Balasubramanian

DT Patent

LA English

FAN.CNT 3

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | EP 432677 | A1 | 19910619 | EP 1990-123671 | 19901210 |
| | EP 432677 | B1 | 19960306 | | |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE | | | | |
| | US 4996206 | A | 19910226 | US 1990-528805 | 19900524 |
| | US 5028608 | A | 19910702 | US 1990-528155 | 19900524 |
| | CN 1055182 | A | 19911009 | CN 1990-110125 | 19901211 |
| | CN 1030608 | B | 19960103 | | |
| PRAI | US 1989-448742 | | 19891211 | | |
| | US 1990-479655 | | 19900208 | | |
| | US 1990-528155 | | 19900524 | | |
| | US 1990-528805 | | 19900524 | | |
| OS | MARPAT 115:256638 | | | | |

L5 ANSWER 87 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1991:632873 CAPLUS

DN 115:232873

TI Preparation of [(heterocyclylpropyl)aryloyl]glutamates as antitumor agents

IN Akimoto, Hiroshi; Hitaka, Takenori

PA Takeda Chemical Industries, Ltd., Japan

SO Eur. Pat. Appl., 30 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | EP 434426 | A1 | 19910626 | EP 1990-314017 | 19901220 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE | | | | |
| | CA 2032695 | AA | 19910621 | CA 1990-2032695 | 19901219 |
| | JP 04117381 | A2 | 19920417 | JP 1990-413388 | 19901220 |
| | US 5496822 | A | 19960305 | US 1994-308500 | 19940921 |
| PRAI | JP 1989-332110 | | 19891220 | | |
| | US 1990-630984 | | 19901220 | | |
| | US 1992-990370 | | 19921215 | | |
| | US 1994-219735 | | 19940329 | | |
| OS | MARPAT 115:232873 | | | | |

L5 ANSWER 88 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1991:608603 CAPLUS

DN 115:208603

TI Preparation of N-[[[pyrrolopyrimidinyl]alkyl]benzoyl]glutamates and analogs as antitumor agents

IN Akimoto, Hiroshi; Ootsu, Koichiro

PA Takeda Chemical Industries, Ltd., Japan

SO Eur. Pat. Appl., 34 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------------|------|------|-----------------|------|
| | | | | | |

V. Balasubramanian

PI EP 438261 A2 19910724 EP 1991-300266 19910115
EP 438261 A3 19920226
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE
CA 2034292 AA 19910717 CA 1991-2034292 19910116
JP 05078362 A2 19930330 JP 1991-196173 19910116
PRAI JP 1990-7962 19900116
OS MARPAT 115:208603

L5 ANSWER 89 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:583951 CAPLUS
DN 115:183951
TI Preparation of N-(pyrrolo[2,3-d]pyrimidin-3-ylacyl)glutamic acid derivatives as anticancer agents
IN Taylor, Edward C.; Kuhnt, Dietmar G.; Shih, Chuan; Grindey, Gerald B.
PA Princeton University, USA
SO U.S., 8 pp. Cont.-in-part of U.S. Ser. No. 448,742, abandoned.
CODEN: USXXAM

DT Patent
LA English

FAN.CNT 3

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------------|----------|-----------------|----------|
| PI | US 4996206 | A | 19910226 | US 1990-528805 | 19900524 |
| | ZA 9009631 | A | 19911030 | ZA 1990-9631 | 19901130 |
| | IL 96531 | A1 | 19950831 | IL 1990-96531 | 19901204 |
| | AU 9067791 | A1 | 19910613 | AU 1990-67791 | 19901205 |
| | AU 640182 | B2 | 19930819 | | |
| | CA 2031890 | AA | 19910612 | CA 1990-2031890 | 19901210 |
| | EP 432677 | A1 | 19910619 | EP 1990-123671 | 19901210 |
| | EP 432677 | B1 | 19960306 | | |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE | | | | |
| | HU 58335 | A2 | 19920228 | HU 1990-8147 | 19901210 |
| | AT 135007 | E | 19960315 | AT 1990-123671 | 19901210 |
| | ES 2084639 | T3 | 19960516 | ES 1990-123671 | 19901210 |
| | JP 08003166 | A2 | 19960109 | JP 1990-409992 | 19901211 |
| | JP 3016876 | B2 | 20000306 | | |
| | RU 2057131 | C1 | 19960327 | RU 1991-4894454 | 19910207 |
| PRAI | US 1989-448742 | | 19891211 | | |
| | US 1990-479655 | | 19900208 | | |
| | US 1990-528155 | | 19900524 | | |
| | US 1990-528805 | | 19900524 | | |
| OS | MARPAT | 115:183951 | | | |

L5 ANSWER 90 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:492692 CAPLUS
DN 115:92692
TI 5-Vinyl-4-pentyric acids through the palladium-catalyzed reaction of 4-pentyric acid with vinyl triflates
AU Arcadi, Antonio; Cacchi, Sandro; Delmastro, Monica; Marinella, Fabio
CS Dip. Chim., Ing. Chim. Mater., Univ. L'Aquila, L'Aquila, I-67100, Italy
SO Synlett (1991), (6), 409-11
CODEN: SYNLES; ISSN: 0936-5214
DT Journal
LA English
OS CASREACT 115:92692

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L5 ANSWER 91 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:487836 CAPLUS
DN 115:87836
TI Nuclear resistance in oligonucleotides with modified bases of phosphodiester bonds
IN Brakel, Christine L.; Wetmur, James G.; Quartin, Robin S.
PA Enzo Biochem, Inc., USA
SO Eur. Pat. Appl., 12 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-------------------|------|----------|-----------------|----------|
| PI | EP 431523 | A2 | 19910612 | EP 1990-123109 | 19901203 |
| | EP 431523 | A3 | 19910925 | | |
| | R: DE, FR, GB, IT | | | | |
| | CA 2029273 | AA | 19910605 | CA 1990-2029273 | 19901105 |
| | JP 03190895 | A2 | 19910820 | JP 1990-315714 | 19901122 |
| PRAI | US 1989-446235 | | 19891204 | | |

L5 ANSWER 92 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:467221 CAPLUS
DN 115:67221
TI Purification and characterization of 5'-deoxy-5'-methylthioadenosine (MTA)
AU Toorchen, David; Miller, Richard L.
CS Wellcome Res. Lab., Research Triangle Park, NC, 27709, USA
SO Biochem. Pharmacol. (1991), 41(12), 2023-30
CODEN: BCPCA6; ISSN: 0006-2952
DT Journal
LA English

L5 ANSWER 93 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:443548 CAPLUS
DN 115:43548
TI Site-specific mutagenesis of double-stranded plasmid DNA
IN Eckstein, Fritz; Olsen, David
PA Max-Planck-Gesellschaft zur Foerderung der Wissenschaften e.V., Fed. Rep. Ger.
SO Ger., 9 pp.
CODEN: GWXXAW
DT Patent
LA German
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|------|----------|-----------------|----------|
| PI | DE 3936258 | C1 | 19910425 | DE 1989-3936258 | 19891031 |
| | WO 9106645 | A1 | 19910516 | WO 1990-EP1939 | 19901030 |
| | W: JP, US | | | | |
| | RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE | | | | |
| PRAI | DE 1989-3936258 | | 19891031 | | |

L5 ANSWER 94 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:408713 CAPLUS

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DN 115:8713
TI Synthesis and biological activity of derivatives of
pyrano[4',3':4,5]pyrrolo[2,3-d]pyrimidines
AU Paronikyan, E. G.; Noravyan, A. S.; Arsenyan, F. G.; Akopyan, V. A.
CS Inst. Tonkoi Org. Khim. im. Mndzhoyana, Yerevan, USSR
SO Arm. Khim. Zh. (1990), 43(9), 576-81
CODEN: AYKZAN; ISSN: 0515-9628
DT Journal
LA Russian

L5 ANSWER 95 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:400771 CAPLUS
DN 115:771
TI Preparation of acyclic pyrrolo(2,3-d)pyrimidine nucleoside analogs as
antiviral agents
IN Townsend, Leroy B.; Drach, John G.; Shipman, Charles, Jr.; Pudlo, Jeffrey
S.
PA University of Michigan, USA
SO U.S., 19 pp. Cont.-in-part of U.S. Ser. No. 179,081.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------|----------|----------|-----------------|----------|
| PI | US 4968686 | A | 19901106 | US 1989-369262 | 19890621 |
| | US 4927830 | A | 19900522 | US 1988-179081 | 19880408 |
| | US 36187 | E | 19990406 | US 1994-287290 | 19940805 |
| PRAI | US 1988-179081 | 19880408 | | | |
| | US 1989-369262 | 19890621 | | | |
| OS | MARPAT 115:771 | | | | |

L5 ANSWER 96 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:122950 CAPLUS
DN 114:122950
TI Synthesis of pyrrolo[2,3-d]pyrimidine ribosides and their potential in
chemotherapeutics
AU Eger, Kurt; Grieb, Gerlinde; Spaetling, Sabine
CS Pharm. Inst., Univ. Tuebingen, Tuebingen, D-7400, Fed. Rep. Ger.
SO J. Heterocycl. Chem. (1990), 27(7), 2069-75
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English

L5 ANSWER 97 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1990:611696 CAPLUS
DN 113:211696
TI 7-Deaza-2-phenyladenines: structure-activity relationships of potent A1
selective adenosine receptor antagonists
AU Mueller, Christa E.; Hide, Izumi; Daly, John W.; Rothenhaeusler, Klaus;
Eger, Kurt
CS Lab. Bioorg. Chem., Natl. Inst. Diabetes, Dig. Kidney Dis., Bethesda, MD,
20892, USA
SO J. Med. Chem. (1990), 33(10), 2822-8
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal

V. Balasubramanian

LA English

L5 ANSWER 98 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1990:571785 CAPLUS
DN 113:171785
TI Preparation of 7-[(2-hydroxyethoxy)methyl]pyrrolo[2,3-d]pyrimidines and analogs as antiviral agents
IN Townsend, Leroy B.; Drach, John C.
PA University of Michigan, USA
SO U.S., 14 pp.
CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------|------------|----------|-----------------|----------|
| PI | US 4927830 | A | 19900522 | US 1988-179081 | 19880408 |
| | US 4968686 | A | 19901106 | US 1989-369262 | 19890621 |
| | US 36187 | E | 19990406 | US 1994-287290 | 19940805 |
| PRAI | US 1988-179081 | 19880408 | | | |
| | US 1989-369262 | 19890621 | | | |
| OS | MARPAT | 113:171785 | | | |

L5 ANSWER 99 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1990:406731 CAPLUS
DN 113:6731
TI Facile synthesis of pyrrolo[2,3-d]pyrimidine and pyrrolo[3,2-c]pyridine 2',3'-dideoxyribonucleosides via nucleobase anion glycosylation with 2,3-dideoxy-D-glyceropentofuranosyl chloride
AU Seela, F.; Bourgeois, W.; Muth, H. P.; Rosemeyer, H.
CS Lab. Org. Bioorg. Chem., Univ. Osnabrueck, Osnabrueck, D-4500, Fed. Rep. Ger.
SO Heterocycles (1989), 29(11), 2193-7
CODEN: HTCYAM; ISSN: 0385-5414
DT Journal
LA English
OS CASREACT 113:6731

L5 ANSWER 100 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1990:191415 CAPLUS
DN 112:191415
TI MTA phosphorylase in protozoa: a potential target for chemotherapeutic attack
AU Miller, Richard L.; Toorchen, David P.
CS Wellcome Res. Lab., Research Triangle Park, NC, 27709, USA
SO Adv. Exp. Med. Biol. (1988), 250(Prog. Polyamine Res.), 211-18
CODEN: AEMBAP; ISSN: 0065-2598
DT Journal
LA English

L5 ANSWER 101 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1990:155489 CAPLUS
DN 112:155489
TI The isolation and structure of modified bioactive nucleosides from *Jaspis johnstoni*
AU Zabriskie, T. Mark; Ireland, Chris M.

V. Balasubramanian

CS Dep. Med. Chem., Univ. Utah, Salt Lake City, UT, 84112, USA
SO J. Nat. Prod. (1989), 52(6), 1353-6
CODEN: JNPRDF; ISSN: 0163-3864
DT Journal
LA English

L5 ANSWER 102 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1990:119321 CAPLUS
DN 112:119321
TI 2'-Deoxy-.beta.-D-ribofuranosides of N6-methylated 7-deazaadenine and 8-aza-7-deazaadenine: solid-phase synthesis of oligodeoxyribonucleotides and properties of self-complementary duplexes
AU Seela, Frank; Kaiser, Klaus; Bindig, Uwe
CS Lab. Org. Bioorg. Chem., Univ. Osnabrueck, Osnabrueck, D-4500, Fed. Rep. Ger.
SO Helv. Chim. Acta (1989), 72(5), 868-81
CODEN: HCACAV; ISSN: 0018-019X
DT Journal
LA English
OS CASREACT 112:119321

L5 ANSWER 103 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1989:457664 CAPLUS
DN 111:57664
TI Synthesis of 6,7-dimethoxypyrimido[4,5-b]indoles as potential antihypertensive agents
AU Venugopalan, B.; Desai, P. D.; De Souza, N. J.
CS Res. Cent., Hoechst India Ltd., Bombay, 400 080, India
SO J. Heterocycl. Chem. (1988), 25(6), 1633-9
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English
OS CASREACT 111:57664

L5 ANSWER 104 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1989:439290 CAPLUS
DN 111:39290
TI Synthesis and biological activity of pyrrolo[2,3-d]pyrimidines
AU Dave, Chaitanya G.; Shah, P. R.; Upadhyaya, S. P.; Gandhi, T. P.; Patel, R. B.
CS Dep. Chem., St. Xavier's Coll., Ahmedabad, 380 009, India
SO Indian J. Chem., Sect. B (1988), 27B(8), 778-80
CODEN: IJSBDB; ISSN: 0376-4699
DT Journal
LA English
OS CASREACT 111:39290

L5 ANSWER 105 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1989:423875 CAPLUS
DN 111:23875
TI Synthesis, cytotoxicity, and antiviral activity of certain 7-[(2-hydroxyethoxy)methyl]pyrrolo[2,3-d]pyrimidine nucleosides related to toyocamycin and sangivamycin
AU Gupta, Pranab K.; Nassiri, M. Reza; Coleman, Lisa A.; Wotring, Linda L.; Drach, John C.; Townsend, Leroy B.

V. Balasubramanian

CS Coll. Pharm., Univ. Michigan, Ann Arbor, MI, 48109-1065, USA
SO J. Med. Chem. (1989), 32(7), 1420-5
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
OS CASREACT 111:23875

L5 ANSWER 106 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1989:419945 CAPLUS
DN 111:19945
TI Pyrrolo[2,3-d]pyrimidines as inhibitors of cAMP-phosphodiesterase.
Structure-activity relationship
AU Klumpp, Susanne; Frey, Martina; Kleefeld, Gertrud; Sauer, Armin; Eger,
Kurt
CS Pharm. Inst., Univ. Pharm. Chem., Tuebingen, D-7400, Fed. Rep. Ger.
SO Biochem. Pharmacol. (1989), 38(6), 949-53
CODEN: BCPCA6; ISSN: 0006-2952
DT Journal
LA English

L5 ANSWER 107 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1989:193293 CAPLUS
DN 110:193293
TI Stereoselective synthesis of pyrrolo[2,3-d]pyrimidine .alpha.- and
.beta.-D-ribonucleosides from anomERICALLY pure D-ribofuranosyl
chlorides.
Solid-liquid phase-transfer glycosylation and nitrogen-15 NMR spectra
AU Rosemeyer, Helmut; Seela, Frank
CS Fachbereich Biol./Chem., Univ. Osnabrueck, Osnabrueck, D-4500, Fed. Rep.
Ger.
SO Helv. Chim. Acta (1988), 71(6), 1573-85
CODEN: HCACAV; ISSN: 0018-019X
DT Journal
LA English
OS CASREACT 110:193293

L5 ANSWER 108 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1989:71466 CAPLUS
DN 110:71466
TI Mismatch-containing oligonucleotide duplexes bound by the E. coli
mutS-encoded protein
AU Jiricny, Josef; Su, Shin San; Wood, Steven G.; Modrich, Paul
CS Friedrich Miescher Inst., Basel, CH-4002, Switz.
SO Nucleic Acids Res. (1988), 16(16), 7843-53
CODEN: NARHAD; ISSN: 0305-1048
DT Journal
LA English

L5 ANSWER 109 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1989:57996 CAPLUS
DN 110:57996
TI Synthesis, cytotoxicity, and antiviral activity of some acyclic analogs
of
the pyrrolo[2,3-d]pyrimidine nucleoside antibiotics tubercidin,
toyocamycin, and sangivamycin
AU Gupta, Pranab K.; Daunert, Sylvia; Nassiri, M. Reza; Wotring, Linda L.;

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Drach, John C.; Townsend, Leroy B.
CS Coll. Pharm., Univ. Michigan, Ann Arbor, MI, 48109-1065, USA
SO J. Med. Chem. (1989), 32(2), 402-8
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
OS CASREACT 110:57996

L5 ANSWER 110 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1988:621932 CAPLUS
DN 109:221932
TI 7-Deaza-9-phenyladenines. A new class of adenosine receptor antagonists
AU Daly, John W.; Padgett, William L.; Eger, Kurt
CS Lab. Bioorg. Chem., Natl. Inst. Diabetes, Dig. Kidney Dis., Bethesda, MD,
20892, USA
SO Biochem. Pharmacol. (1988), 37(19), 3749-53
CODEN: BCPCA6; ISSN: 0006-2952
DT Journal
LA English

L5 ANSWER 111 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1987:419783 CAPLUS
DN 107:19783
TI Trypanosoma cruzi adenine nucleoside phosphorylase. Purification and
substrate specificity
AU Miller, Richard L.; Sabourin, Carol L. K.; Krenitsky, Thomas A.
CS Wellcome Res. Lab., Burroughs Wellcome Co., Research Triangle Park, NC,
27709, USA
SO Biochem. Pharmacol. (1987), 36(4), 553-60
CODEN: BCPCA6; ISSN: 0006-2952
DT Journal
LA English

L5 ANSWER 112 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1987:84629 CAPLUS
DN 106:84629
TI Pharmacologically active pyrimido[4,5-b]indoles and their salts
PA Hoechst India Ltd., India
SO Indian, 32 pp.
CODEN: INXXAP
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--------------|-------|----------|-----------------|----------|
| ----- | ----- | ----- | ----- | ----- |
| PI IN 157280 | A | 19860222 | IN 1983-BO226 | 19830715 |

L5 ANSWER 113 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1987:5075 CAPLUS
DN 106:5075
TI Cardioactive heterocyclic aryloxypropanolamines
IN Wiedemann, Fritz; Kampe, Wolfgang; Dietmann, Deceased Karl; Sponer,
Gisbert
PA Boehringer Mannheim G.m.b.H., Fed. Rep. Ger.
SO U.S., 18 pp. Cont.-in-part of U.S. 4,438,128.
CODEN: USXXAM

V. Balasubramanian

DT Patent
LA English
FAN.CNT 4

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-----------------|----------|----------|-----------------|----------|
| PI | US 4608383 | A | 19860826 | US 1983-538693 | 19831003 |
| | DE 3023369 | A1 | 19820114 | DE 1980-3023369 | 19800623 |
| | US 4438128 | A | 19840320 | US 1981-273543 | 19810615 |
| PRAI | DE 1980-3023369 | 19800623 | | | |
| | US 1981-273543 | 19810615 | | | |

L5 ANSWER 114 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1986:572397 CAPLUS
DN 105:172397
TI Synthesis of 7-unsubstituted 7H-pyrrolo[2,3-d]pyrimidines
AU Pichler, Herbert; Folkers, Gerd; Roth, Hermann J.; Eger, Kurt
CS Pharm. Inst., Univ. Bonn, Bonn, D-5300, Fed. Rep. Ger.
SO Liebigs Ann. Chem. (1986), (9), 1485-505
CODEN: LACHDL; ISSN: 0170-2041
DT Journal
LA German
OS CASREACT 105:172397

L5 ANSWER 115 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1986:443251 CAPLUS
DN 105:43251
TI Furanoside-pyranoside isomerization of tubercidin and its 2'-deoxy derivatives: influence of nucleobase and sugar structure on the proton-catalyzed reaction
AU Seela, Frank; Menkhoff, Sabine; Behrendt, Silvia
CS Lab. Org. Bioorg. Chem., Univ. Osnabrueck, Osnabrueck, D-4500, Fed. Rep. Ger.
SO J. Chem. Soc., Perkin Trans. 2 (1986), (4), 525-30
CODEN: JCPKBH; ISSN: 0300-9580
DT Journal
LA English
OS CASREACT 105:43251

L5 ANSWER 116 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1986:164169 CAPLUS
DN 104:164169
TI Inhibition of vaccinia RNA guanine 7-methyltransferase by compounds designed as multisubstrate adducts
AU Benghiat, Eric; Crooks, Peter A.; Goodwin, Raymond; Rottman, Fritz
CS Coll. Pharm., Univ. Kentucky, Lexington, KY, 40536, USA
SO J. Pharm. Sci. (1986), 75(2), 142-5
CODEN: JPMSAE; ISSN: 0022-3549
DT Journal
LA English

L5 ANSWER 117 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1986:109570 CAPLUS
DN 104:109570
TI Phosphorus pentoxide in organic synthesis. XX. Synthesis of N-aryl-7H-pyrrolo[2,3-d]pyrimidin-4-amines
AU Joergensen, Anker; El-Bayouki, Khairy A. M.; Pedersen, Erik B.

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CS Dep. Chem., Odense Univ., Odense, DK-5230, Den.
SO J. Heterocycl. Chem. (1985), 22(3), 859-63
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English
OS CASREACT 104:109570

L5 ANSWER 118 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1986:47662 CAPLUS
DN 104:47662
TI Purine analog inhibitors of xanthine oxidase - structure activity
relationships and proposed binding of the molybdenum cofactor
AU Robins, Roland K.; Revankar, Ganapathi R.; O'Brien, Darrell E.; Springer,
Robert H.; Novinson, Thomas; Albert, Anthony; Senga, Keitaro; Miller, Jon
P.; Streeter, David G.
CS Cancer Res. Cent., Brigham Young Univ., Provo, UT, 84602, USA
SO J. Heterocycl. Chem. (1985), 22(3), 601-34
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English

L5 ANSWER 119 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1985:523237 CAPLUS
DN 103:123237
TI Synthesis of 7-deazatriacanthine and restricted rotation of amino groups
in pyrrolo[2,3-d]pyrimidines
AU Seela, Frank; Bussmann, Werner
CS Dep. Chem., Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Nucleosides Nucleotides (1984), 3(2), 195-206
CODEN: NUNUD5; ISSN: 0732-8311
DT Journal
LA English

L5 ANSWER 120 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1985:515763 CAPLUS
DN 103:115763
TI Action of tubercidin and other adenosine analogs on Schistosoma mansoni
schistosomes
AU Dovey, Harry F.; McKerrow, James H.; Wang, Ching C.
CS Dep. Pharm. Chem., Univ. California, San Francisco, CA, 94143, USA
SO Mol. Biochem. Parasitol. (1985), 16(2), 185-98
CODEN: MBIPDP; ISSN: 0166-6851
DT Journal
LA English

L5 ANSWER 121 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1985:464160 CAPLUS
DN 103:64160
TI Pharmacological studies on adenosine analogs isolated from marine
organisms
AU Davies, Les. P.
CS Res. Sch. Biol. Sci., Australian Natl. Univ., Canberra, 2601, Australia
SO Trends Pharmacol. Sci. (1985), 6(4), 143-6
CODEN: TPHSDY; ISSN: 0165-6147
DT Journal; General Review
LA English

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L5 ANSWER 122 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1985:132411 CAPLUS
DN 102:132411
TI Synthesis and biological activity of a novel adenosine analog
3-.beta.-D-ribofuranosylthieno[2,3-d]pyrimidin-4-one
AU Patil, Vemanna D.; Wise, Dean S.; Wotring, Linda L.; Bloomer, Linda C.;
Townsend, Leroy B.
CS Coll. Pharm., Univ. Michigan, Ann Arbor, MI, 48109-1065, USA
SO J. Med. Chem. (1985), 28(4), 423-7
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
OS CASREACT 102:132411

L5 ANSWER 123 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1985:127759 CAPLUS
DN 102:127759
TI Synthesis of deoxyoligonucleotides containing 7-deazaadenine:
recognition
and cleavage by restriction endonuclease Bgl II and Sau 3AI. Nucleosides
and nucleotides. Part 55
AU Ono, Akira; Sato, Masayuki; Ohtani, Yutaka; Ueda, Tohru
CS Fac. Pharm. Sci., Hokkaido Univ., Sapporo, 060, Japan
SO Nucleic Acids Res. (1984), 12(23), 8939-49
CODEN: NARHAD; ISSN: 0305-1048
DT Journal
LA English

L5 ANSWER 124 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1984:188438 CAPLUS
DN 100:188438
TI Modified labeled nucleotides and polynucleotides and methods of utilizing
and detecting them
IN Engelhardt, Dean; Rabbani, Elazar; Kline, Stanley; Stavrianopoulos,
Jannis
G.; Kirtikar, Dollie
PA Enzo Biochem, Inc., USA
SO Eur. Pat. Appl., 140 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| PI | EP 97373 | A2 | 19840104 | EP 1983-106112 | 19830622 |
| | EP 97373 | A3 | 19840606 | | |
| | EP 97373 | B1 | 19921007 | | |
| | R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE | | | | |
| CA | 1223831 | A1 | 19870707 | CA 1983-430882 | 19830621 |
| ES | 523503 | A1 | 19860916 | ES 1983-523503 | 19830622 |
| IL | 69051 | A1 | 19880229 | IL 1983-69051 | 19830622 |
| EP | 285057 | A2 | 19881005 | EP 1988-104961 | 19830622 |
| EP | 285057 | A3 | 19901031 | | |
| EP | 285057 | B1 | 19950301 | | |
| | R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE | | | | |

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| EP 285058 | A2 | 19881005 | EP 1988-104962 | 19830622 |
| EP 285058 | A3 | 19900926 | | |
| R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE | | | | |
| EP 285950 | A2 | 19881012 | EP 1988-104964 | 19830622 |
| EP 285950 | A3 | 19901107 | | |
| R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE | | | | |
| EP 286898 | A2 | 19881019 | EP 1988-104963 | 19830622 |
| EP 286898 | A3 | 19900808 | | |
| EP 286898 | B1 | 19980429 | | |
| R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE | | | | |
| EP 302175 | A2 | 19890208 | EP 1988-104965 | 19830622 |
| EP 302175 | A3 | 19901031 | | |
| R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE | | | | |
| AT 81342 | E | 19921015 | AT 1983-106112 | 19830622 |
| EP 618228 | A1 | 19941005 | EP 1994-105993 | 19830622 |
| R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE | | | | |
| AT 165605 | E | 19980515 | AT 1988-104963 | 19830622 |
| DK 8302911 | A | 19831224 | DK 1983-2911 | 19830623 |
| NO 8302292 | A | 19831227 | NO 1983-2292 | 19830623 |
| AU 8316179 | A1 | 19840105 | AU 1983-16179 | 19830623 |
| AU 585199 | B2 | 19890615 | | |
| JP 59062600 | A2 | 19840410 | JP 1983-113599 | 19830623 |
| JP 10158294 | A2 | 19980616 | JP 1997-295889 | 19830623 |
| JP 11292892 | A2 | 19991026 | JP 1999-8415 | 19830623 |
| DK 8401306 | A | 19840229 | DK 1984-1306 | 19840229 |
| DK 8401307 | A | 19840229 | DK 1984-1307 | 19840229 |
| ES 539316 | A1 | 19861001 | ES 1985-539316 | 19850102 |
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| AU 8941493 | A1 | 19900104 | AU 1989-41493 | 19890915 |
| US 5241060 | A | 19930831 | US 1990-532704 | 19900604 |
| US 5260433 | A | 19931109 | US 1990-567039 | 19900813 |
| JP 06234787 | A2 | 19940823 | JP 1993-177184 | 19930610 |
| JP 2760466 | B2 | 19980528 | | |
| PRAI | US 1982-391440 | 19820623 | | |
| | EP 1983-106112 | 19830622 | | |
| | EP 1988-104961 | 19830622 | | |
| | DK 1983-2911 | 19830623 | | |
| | JP 1993-177184 | 19830623 | | |
| | JP 1997-295889 | 19830623 | | |
| | US 1984-674352 | 19841121 | | |
| | US 1988-140980 | 19880105 | | |

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AN 1984:185345 CAPLUS
DN 100:185345
TI Halogenated pyrrolopyrimidine analogs of adenosine from marine organisms: pharmacological activities and potent inhibition of adenosine kinase
AU Davies, Les P.; Jamieson, Dana D.; Baird-Lambert, Judith A.; Kazlauskas, Rymantas
CS Roche Res. Inst. Marine Pharmacol., Dee Why, Australia
SO Biochem. Pharmacol. (1984), 33(3), 347-55
CODEN: BCPCA6; ISSN: 0006-2952
DT Journal
LA English

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L5 ANSWER 126 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1984:170571 CAPLUS
DN 100:170571
TI Substrate and inhibitor specificity of tRNA-guanine ribosyltransferase
AU Farkas, Walter R.; Jacobson, K. Bruce; Katze, Jon R.
CS Cent. Health Sci., Univ. Tennessee, Knoxville, TN, 37920, USA
SO Biochim. Biophys. Acta (1984), 781(1-2), 64-75
CODEN: BBACAO; ISSN: 0006-3002
DT Journal
LA English

L5 ANSWER 127 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1984:7039 CAPLUS
DN 100:7039
TI ara-7-Deazanebularine - synthesis of a fluorescent pyrrolo[2,3-d]pyrimidine nucleoside by phase-transfer glycosylation
AU Seela, Frank; Steker, Herbert
CS Fachbereich. Naturwiss. II, Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Liebigs Ann. Chem. (1983), (9), 1576-87
CODEN: LACHDL; ISSN: 0170-2041
DT Journal
LA German

L5 ANSWER 128 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1983:558765 CAPLUS
DN 99:158765
TI Synthesis of S-5-pyrrolo[2,3-b]pyridinemethyl and S-5- and S-6-pyrrolo[2,3-d]pyrimidinemethyl derivatives of 5'-deoxy-5'-thioadenosine
AU Benghiat, Eric; Crooks, Peter A.
CS Coll. Pharm., Univ. Kentucky, Lexington, KY, 40536-0053, USA
SO J. Heterocycl. Chem. (1983), 20(3), 677-9
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English

L5 ANSWER 129 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1983:554371 CAPLUS
DN 99:154371
TI Methylated 7-deazahypoxanthines as regiochemical probes of xanthine oxidase
AU Rosemeyer, Helmut; Seela, Frank
CS Dep. Chem., Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Eur. J. Biochem. (1983), 134(3), 513-15
CODEN: EJBCAI; ISSN: 0014-2956
DT Journal
LA English

L5 ANSWER 130 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1983:140811 CAPLUS
DN 98:140811
TI Halogenated pyrrolo[2,3-d]pyrimidine nucleosides from marine organisms
AU Kazlauskas, Rymantas; Murphy, Peter T.; Wells, Robert J.; Baird-Lambert, Judith A.; Jamieson, Dana D.
CS Chem. Sect., Roche Res. Inst. Mar. Pharmacol., Dee Why, 2099, Australia

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SO Aust. J. Chem. (1983), 36(1), 165-70
CODEN: AJCHAS; ISSN: 0004-9425
DT Journal
LA English

L5 ANSWER 131 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1983:122799 CAPLUS
DN 98:122799
TI Conformational analysis of cytokinins and analogs
AU Kaneti, Jose; Karanov, E.
CS Inst. Org. Chem., Sofia, 1113, Bulg.
SO Chem.-Biol. Interact. (1983), 43(1), 73-85
CODEN: CBINA8; ISSN: 0009-2797
DT Journal
LA English

L5 ANSWER 132 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1983:86893 CAPLUS
DN 98:86893
TI Transport and metabolism of 5'-methylthioadenosine in human erythrocytes
AU Carteni-Farina, Maria; Ragione, Fulvio Della; Cacciapuoti, Giovanna;
Porcelli, Marina; Zappia, Vincenzo
CS First Med. Sch., Univ. Naples, Naples, 80138, Italy
SO Biochim. Biophys. Acta (1983), 727(2), 221-9
CODEN: BBACAO; ISSN: 0006-3002
DT Journal
LA English

L5 ANSWER 133 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1982:492306 CAPLUS
DN 97:92306
TI Pyrrolopyrimidines and their use in production of biologically effective substances
IN Jacobi, Haireddin; Roth, Hermann Josef; Eger, Kurt; Pichler, Herbert
PA Troponwerke G.m.b.H. und Co. K.-G., Fed. Rep. Ger.
SO Ger. Offen., 20 pp.
CODEN: GWXXBX
DT Patent
LA German

FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| PI DE 3036390 | A1 | 19820513 | DE 1980-3036390 | 19800926 |

L5 ANSWER 134 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1982:406052 CAPLUS
DN 97:6052
TI Regioselective synthesis of the N-monomethyl derivatives of 7-deazahypoxanthine
AU Seela, Frank; Bussmann, Werner; Goetze, Andreas
CS Fachber. Naturwiss. II, Univ. Paderborn, Paderborn, D-4790, Fed. Rep.
Ger.
SO Liebigs Ann. Chem. (1982), (4), 805-12
CODEN: LACHDL; ISSN: 0170-2041
DT Journal
LA German

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L5 ANSWER 135 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1982:79358 CAPLUS
DN 96:79358
TI Phosphorylation and hydrolysis of 7-deazaadenine nucleotides by rat liver and beef heart mitochondria
AU Petrescu, I.; Lascu, I.; Goia, I.; Markert, M.; Schmidt, F. H.; Deaciuc, I. V.; Kezdi, M.; Barzu, O.
CS Dep. Biochem., Univ. Cluj-Napoca, Cluj-Napoca, 3400, Rom.
SO Biochemistry (1982), 21(5), 886-93
CODEN: BICHAW; ISSN: 0006-2960
DT Journal
LA English

L5 ANSWER 136 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1982:69352 CAPLUS
DN 96:69352
TI Synthesis of ara tubercidin and its .alpha.-anomer by phase transfer glycosylation of pyrrolo[2,3-d]pyrimidines
AU Seela, Frank; Winkeler, Heinz Dieter
CS Dep. Chem., Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Nucleic Acids Symp. Ser. (1981), 9, 107-10
CODEN: NACSD8
DT Journal
LA English

L5 ANSWER 137 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1982:15977 CAPLUS
DN 96:15977
TI Relative activities of cytokinins and antagonists in releasing lateral buds of Pisum from apical dominance compared with their relative activities in the regulation of growth of tobacco callus
AU Skoog, F.; Abdul Ghani, A. K. B.
CS Inst. Plant Dev., Univ. Wisconsin, Madison, WI, 53706, USA
SO Metab. Mol. Act. Cytokinin, Proc. Int. Colloq. (1981), Meeting Date 1980,
140-50. Editor(s): Guern, Jean; Peaud-Lenoel, Claude. Publisher:
Springer, Berlin, Fed. Rep. Ger.
CODEN: 46QMA8
DT Conference
LA English

L5 ANSWER 138 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1981:563729 CAPLUS
DN 95:163729
TI Effects of substituted pyrrolo[2,3-d]pyrimidine derivatives on plant growth
AU Iwamura, Hajime; Ito, Tetsuo; Masuda, Noboru; Mizuno, Akira; Koshimizu, Koichi; Kumazawa, Zenzaburo; Nagato, Shoin; Okuda, Shiroh
CS Fac. Agric., Kyoto Univ., Kyoto, 606, Japan
SO Nippon Noyaku Gakkaishi (1981), 6(1), 9-15
CODEN: NNGADV; ISSN: 0385-1559
DT Journal
LA English

L5 ANSWER 139 OF 175 CAPLUS COPYRIGHT 2000 ACS

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AN 1981:497713 CAPLUS
DN 95:97713
TI The Isomeric 4-amino-N-methylpyrrolo[2,3-d]pyrimidines
AU Seela, Frank; Bussmann, Werner
CS Fachber. Naturwissenschaften II (Org. Chem., Univ. Paderborn, Paderborn,
D-4790, Fed. Rep. Ger.
SO Chem. Ber. (1981), 114(6), 2056-63
CODEN: CHBEAM; ISSN: 0009-2940
DT Journal
LA German

L5 ANSWER 140 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1981:490812 CAPLUS
DN 95:90812
TI Biological activity of the nucleoside analogs: a theoretical study
AU Sanyal, Nitish K.; Roychoudhury, Mihir; Ojha, Rajendra P.
CS Dep. Phys., Univ. Gorakhpur, Gorakhpur, India
SO Int. J. Quantum Chem. (1981), 20(1), 159-66
CODEN: IJQCB2; ISSN: 0020-7608
DT Journal
LA English

L5 ANSWER 141 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1981:157184 CAPLUS
DN 94:157184
TI Selective 7-glycosidation of 4-amino-7H-pyrrolo[2,3-d]pyrimidine to
ara-tubercidin and its .alpha.-anomer
AU Seela, Frank; Winkeler, Heinz Dieter
CS Gesamthochsch., Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Angew. Chem. (1981), 93(1), 105-6
CODEN: ANCEAD; ISSN: 0044-8249
DT Journal
LA German

L5 ANSWER 142 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1981:139732 CAPLUS
DN 94:139732
TI Triazolo[4,5-d]pyrimidines. VII. The photochemical transformation of
3-phenyl-3H-1,2,3-triazolo[4,5-d]pyrimidines into 9H-pyrimido[4,5-
b]indoles
AU Higashino, Takeo; Hayashi, Eisaku; Matsuda, Hideaki; Katori, Tatsuhiko
CS Shizuoka Coll. Pharm., Shizuoka, 422, Japan
SO Heterocycles (1981), 15(1), 483-7
CODEN: HTCYAM; ISSN: 0385-5414
DT Journal
LA English

L5 ANSWER 143 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1980:532738 CAPLUS
DN 93:132738
TI 4-Amino-7-(.beta.-D-arabinofuranosyl)pyrrolo[2,3-d]pyrimidine - the
synthesis of ara tubercidin by phase transfer catalysis
AU Winkeler, Heinz Dieter; Seela, Frank
CS Gesamthochsch., Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Chem. Ber. (1980), 113(6), 2069-80
CODEN: CHBEAM; ISSN: 0009-2940

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DT Journal
LA German

L5 ANSWER 144 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1980:123922 CAPLUS
DN 92:123922
TI Purine phosphoribosyltransferases from Leishmania donovani
AU Tuttle, Joel V.; Krenitsky, Thomas A.
CS Wellcome Res. Lab., Research Triangle Park, NC, 27709, USA
SO J. Biol. Chem. (1980), 255(3), 909-16
CODEN: JBCHA3; ISSN: 0021-9258
DT Journal
LA English

L5 ANSWER 145 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1980:111257 CAPLUS
DN 92:111257
TI Ribosidation of 7H-pyrrolo[2,3-d]pyrimidin-4(3H)-one at N-3
AU Luepke, Uwe; Seela, Frank
CS Gesamthochsch., Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Chem. Ber. (1979), 112(10), 3526-9
CODEN: CHBEAM; ISSN: 0009-2940
DT Journal
LA German

L5 ANSWER 146 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1978:563540 CAPLUS
DN 89:163540
TI Aminomethylation of 3,7-dihydropyrrolo[2,3-d]pyrimidines at C-5 - a
method
for the synthesis of aglycon analogs of nucleoside "Q"
AU Seela, Frank; Richter, Raimund
CS Gesamthochsch., Univ. Paderborn, Paderborn, Ger.
SO Chem. Ber. (1978), 111(8), 2925-30
CODEN: CHBEAM; ISSN: 0009-2940
DT Journal
LA German

L5 ANSWER 147 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1977:182968 CAPLUS
DN 86:182968
TI Inhibitors of hypoxanthine metabolism in Ehrlich ascites tumor cells in
vitro
AU Smith, Camilla M.; Zombor, George; Henderson, J. Frank
CS Cancer Res. Unit, Univ. Alberta, Edmonton, Alberta, Can.
SO Cancer Treat. Rep. (1976), 60(10), 1567-84
CODEN: CTRRDO
DT Journal
LA English

L5 ANSWER 148 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1977:72692 CAPLUS
DN 86:72692
TI 4-Substituted amino-2-substituted thiopyrrolo[2,3-d]pyrimidine
derivatives
IN Skoog, Folke; Schmitz, Ruth Y.; Hecht, Sidney M.; Frye, Robert B.

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PA Wisconsin Alumni Research Foundation, USA
SO U.S., 8 pp.
CODEN: USXXAM
DT Patent
LA English
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| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|------------|------|----------|-----------------|----------|
| PI | US 3988338 | A | 19761026 | US 1974-463739 | 19740424 |

L5 ANSWER 149 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1977:43488 CAPLUS
DN 86:43488
TI Reaction of .alpha.-cyano-.gamma.-halocrotononitriles with amines
AU Gewald, K.; Hentschel, M.
CS Sekt. Chem., Tech. Univ. Dresden, Dresden, E. Ger.
SO J. Prakt. Chem. (1976), 318(4), 663-70
CODEN: JPCEAO
DT Journal
LA German

L5 ANSWER 150 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1977:994 CAPLUS
DN 86:994
TI Effect of 4-substituted pyrrolo[2,3-d]pyrimidines on the tobacco callus growth
AU Iwamura, Hajime; Kurimoto, Masahiro; Matsubara, Satoshi; Ogawa, Yukiyoshi;
Koshimizu, Koichi; Kumazawa, Zenzaburo
CS Dep. Food Sci. Technol., Kyoto Univ., Kyoto, Japan
SO Agric. Biol. Chem. (1976), 40(9), 1885-6
CODEN: ABCHA6
DT Journal
LA English

L5 ANSWER 151 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1976:13408 CAPLUS
DN 84:13408
TI Anticytokinin activity of substituted pyrrolo[2,3-d]pyrimidines
AU Skoog, Folke; Schmitz, Ruth Y.; Hecht, Sidney M.; Frye, R. Bruce
CS Inst. Plant Dev., Univ. Wisconsin, Madison, Wis., USA
SO Proc. Natl. Acad. Sci. U. S. A. (1975), 72(9), 3508-12
CODEN: PNASA6
DT Journal
LA English

L5 ANSWER 152 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1975:589243 CAPLUS
DN 83:189243
TI Activation of cytokinins
AU Hecht, Sidney M.; Frye, R. Bruce; Werner, Dieter; Hawrelak, S. D.
CS Dep. Chem., Massachusetts Inst. Technol., Cambridge, Mass., USA
SO J. Biol. Chem. (1975), 250(18), 7343-51
CODEN: JBCHA3
DT Journal
LA English

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L5 ANSWER 153 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1975:530758 CAPLUS
DN 83:130758
TI Carbon-13 magnetic resonance. XXV. Basic set of parameters for the investigation of tautomerism in purines established from carbon-13 magnetic resonance studies using certain purines and pyrrolo[2,3-d]pyrimidines
AU Chenon, Marie T.; Pugmire, Ronald J.; Grant, David M.; Panzica, Raymond P.; Townsend, Leroy B.
CS Lab. Chim. Phys., CNRS, Thiais, Fr.
SO J. Am. Chem. Soc. (1975), 97(16), 4627-36
CODEN: JACSAT
DT Journal
LA English

L5 ANSWER 154 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1975:455161 CAPLUS
DN 83:55161
TI Trans-N-deoxyribosylase. Substrate specificity studies. Purine bases as acceptors
AU Holguin, Jose; Cardinaud, Robert; Saleminck, C. A.
CS Serv. Biophys., CEN Saclay, Gif-sur-Yvette, Fr.
SO Eur. J. Biochem. (1975), 54(2), 515-20
CODEN: EJBCAI
DT Journal
LA English

L5 ANSWER 155 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1974:413457 CAPLUS
DN 81:13457
TI Condensation of 2-(acetylamino)cyclohexanone with malonic acid dinitrile
AU Shvedov, V. I.; Mezentseva, M. V.; Altukhova, L. B.; Grinev, A. N.
CS Vses. Nauchno-Issled. Khim.-Farm. Inst. im. Ordzhonikidze, Moscow, USSR
SO Khim. Geterotsikl. Soedin. (1974), (3), 380-2
CODEN: KGSSAQ
DT Journal
LA Russian

L5 ANSWER 156 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1974:45121 CAPLUS
DN 80:45121
TI Activity of tubercidin, toyocomycin, and sangivamycin 3',5'-cyclic phosphates and related compounds with some enzymes of adenosine 3',5'-cyclic phosphate metabolism
AU Miller, Jon P.; Boswell, Kay H.; Muneyama, Kei; Tolman, Richard L.; Scholten, Mieka B.; Robins, Roland K.; Simon, Lionel N.; Shuman, Dennis A.
CS Nucleic Acid Res. Inst., ICN Pharm., Inc., Irvine, Calif., USA
SO Biochem. Biophys. Res. Commun. (1973), 55(3), 843-9
CODEN: BBRCA9
DT Journal
LA English

L5 ANSWER 157 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1973:466770 CAPLUS

V. Balasubramanian

DN 79:66770
TI Substances with antineoplastic activity. LIII. N. (.delta.- (4-pyrrolo[2,3-d]pyrimidinylthio)valeryl) amino acids and analogous derivatives of di- and triglycine
AU Kotva, R.; Cerny, A.; Semonsky, M.
CS Vyzk. Ustav Farm. Biochem., Prague, Czech.
SO Collect. Czech. Chem. Commun. (1973), 38(5), 1438-44
CODEN: CCCCCAK
DT Journal
LA English

L5 ANSWER 158 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1973:107162 CAPLUS
DN 78:107162
TI Possible way of searching for potential mutagens and cytostatics based on calculation of the intramolecular interaction energy of DNA containing analogs of nitrogenous bases
AU Sukhorukov, B. I.; Poltev, V. I.; Polozov, R. V.; Il'icheva, I. A.
CS Inst. Biol. Fiz., Pushchino-on-Oka, USSR
SO Dokl. Akad. Nauk SSSR (1973), 208(2), 443-6 [Biophys]
CODEN: DANKAS
DT Journal
LA Russian

L5 ANSWER 159 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1972:461942 CAPLUS
DN 77:61942
TI Condensation of hydrazine on 4-chloro-5-acetonylpurimidines. Formation of 7-aminopyrrolo[2,3-d]pyrimidines and 1,4-dihydropyrimidino[4,5-c]pyridazines
AU Bisagni, Emile; Marquet, Jean Pierre; Andre-Louisfert, Jeannine
CS Fond. Curie, Inst. Radium, Paris, Fr.
SO Bull. Soc. Chim. Fr. (1972), (4), 1483-90
CODEN: BSCFAS
DT Journal
LA French

L5 ANSWER 160 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1972:126924 CAPLUS
DN 76:126924
TI New series of purine analogs with antimitotic action. Structure activity relations
AU Marquet, Jean P.; Montagnier, Luc; Gruest, Jacqueline; Bourzat, Jean D.; Andre-Louisfert, Jeannine; Bisagni, Emile
CS Inst. Radium-Biol., Fac. Sci., Orsay, Fr.
SO Chim. Ther. (1971), 6(6), 427-38
CODEN: CHTPBA
DT Journal
LA French

L5 ANSWER 161 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1971:436109 CAPLUS
DN 75:36109
TI Antiviral diazacarbazoles
IN Webb, Godfrey B.; Gregory, Gordon I.; Cocker, John D.

V. Balasubramanian

PA Glaxo Laboratories Ltd.
SO S. African, 38 pp.
CODEN: SFXXAB .

DT Patent,
LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|------------|------|----------|-----------------|------|
| PI | ZA 6902227 | | 19700928 | | |
| PRAI | GB | | 19680329 | | |

L5 ANSWER 162 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1971:415469 CAPLUS

DN 75:15469

TI Existence of nonfunctional active sites in milk xanthine oxidase;
reaction

with functional active site inhibitors

AU Massey, Vincent; Komai, Hirochika; Palmer, Graham; Elion, Gertrude B.

CS Dep. Biol. Chem., Univ. Michigan, Ann Arbor, Mich., USA

SO Vitam. Horm. (New York) (1970), 28, 505-31

CODEN: VIHOAQ

DT Journal

LA English

L5 ANSWER 163 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1970:484121 CAPLUS

DN 73:84121

TI Specificities of transport systems and enzymes

AU Berlin, Richard D.

CS Harvard Med. Sch., Boston, Mass., USA

SO Science (1970), 168(3939), 1539-45

CODEN: SCIEAS

DT Journal

LA English

L5 ANSWER 164 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1970:117937 CAPLUS

DN 72:117937

TI Binding of adenine to adenine phosphoribosyltransferase

AU Gadd, R. E. A.; Henderson, Joseph Frank

CS Cancer Res. Unit, Univ. Alberta, Edmonton, Alberta, Can.

SO Can. J. Biochem. (1970), 48(3), 295-301

CODEN: CJBIAE

DT Journal

LA English

L5 ANSWER 165 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1970:107323 CAPLUS

DN 72:107323

TI Actions of purine analogs: enzymes specificity studies as a basis for
interpretation and design

AU Elion, Gertrude B.

CS Wellcome Res. Lab., Burroughs Wellcome and Co., Inc., Tuckahoe, N. Y.,

USA

SO Cancer Res. (1969), 29(12), 2448-53

CODEN: CNREA8

V. Balasubramanian

DT Journal
LA English

L5 ANSWER 166 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1970:100748 CAPLUS
DN 72:100748
TI Antiviral 1,3- and 1,8-diazacarbazoles
IN Webb, Godfrey B.; Gregory, Gordon I.; Cocker, John D.
PA Glaxo Laboratories Ltd.
SO Ger. Offen., 39 pp.
CODEN: GWXXBX

DT Patent
LA German
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---------------|------|----------|-----------------|----------|
| PI | DE 1916011 | A | 19700305 | DE 1969-1916011 | 19690328 |
| | GB 1262864 | A | 19720209 | GB 1968-15328 | 19680329 |
| | NL 6904815 | A | 19691001 | NL 1969-4815 | 19690328 |
| | FR 2005118 | A5 | 19691205 | FR 1969-9437 | 19690328 |
| | CH 549039 | A | 19740515 | CH 1969-4755 | 19690328 |
| PRAI | GB 1968-15328 | | 19680329 | | |

L5 ANSWER 167 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1970:55489 CAPLUS
DN 72:55489
TI Azacarbazoles
IN Clark, Victor Malcolm C.; Gregory, Gordon I.; Cocker, John D.
PA Glaxo Laboratories Ltd.
SO Ger., Offen., 33 pp.
CODEN: GWXXBX

DT Patent
LA German
FAN.CNT 3

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---------------|------|----------|-----------------|----------|
| PI | DE 1916050 | A | 19691016 | DE 1969-1916050 | 19690328 |
| | GB 1264621 | A | 19720223 | GB 1968-15327 | 19680329 |
| | NL 6904811 | A | 19691001 | NL 1969-4811 | 19690328 |
| | FR 2005117 | A5 | 19691205 | FR 1969-9436 | 19690328 |
| | US 3560361 | A | 19710202 | US 1969-811646 | 19690328 |
| | CH 551991 | A | 19740731 | CH 1969-4754 | 19690328 |
| PRAI | GB 1968-15327 | | 19680329 | | |

L5 ANSWER 168 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1969:477619 CAPLUS
DN 71:77619
TI Adenine phosphoribosyltransferase from monkey liver. Specificity and properties
AU Krenitsky, Thomas A.; Neil, Shannon M.; Elion, Gertrude B.; Hitchings, George H.
CS Wellcome Res. Lab., Burroughs Wellcome and Co., Inc., Tuckahoe, N. Y., USA
SO J. Biol. Chem. (1969), 244(17), 4779-84
CODEN: JBCHA3
DT Journal

V. Balasubramanian

LA English

L5 ANSWER 169 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1969:413308 CAPLUS

DN 71:13308

TI Pyrrolopyrimidine nucleosides. III. Total synthesis of toyocamycin, sangivamycin, tubercidin, and related derivatives

AU Tolman, Richard L.; Robins, Roland K.; Townsend, Leroy B.

CS Univ. of Utah, Salt Lake City, Utah, USA

SO J. Amer. Chem. Soc. (1969), 91(8), 2102-8

CODEN: JACSAT

DT Journal

LA English

L5 ANSWER 170 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1969:115114 CAPLUS

DN 70:115114

TI Study of electrophilic substitution in the pyrrolo[2,3-d]pyrimidine ring

AU Gerster, John F.; Hinshaw, Barbara C.; Robins, Roland K.; Townsend, Leroy B.

CS Univ. of Utah, Salt Lake City, Utah, USA

SO J. Heterocycl. Chem. (1969), 6(2), 207-13

CODEN: JHTCAD

DT Journal

LA English

L5 ANSWER 171 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1968:105143 CAPLUS

DN 68:105143

TI Synthesis of indolo[2,3-d]pyrimidines

AU Glushkov, R. G.; Vol'skova, V. A.; Magidson, O. Yu.

CS Vses. Nauch.-Issled. Khim.-Fatsevt. inst. im. Ordzhonikidze, Moscow, USSR

SO Khim.-Farm. Zh. (1967), 1(9), 25-32

CODEN: KHFZAN

DT Journal

LA Russian

L5 ANSWER 172 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1968:78540 CAPLUS

DN 68:78540

TI Pyrrolo[2,3-d]pyrimidine nucleoside antibiotics. Total synthesis and structure of toyocamycin, unamycin B, vengicide, antibiotic E-212, and sangivamycin (BA-90912)

AU Tolman, Richard L.; Robins, Roland K.; Townsend, Leroy B.

CS Univ. of Utah, Salt Lake City, Utah, USA

SO J. Am. Chem. Soc. (1968), 90(2), 524-6

CODEN: JACSAT

DT Journal

LA English

L5 ANSWER 173 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1968:73300 CAPLUS

DN 68:73300

TI Structure and properties of the condensation product of 2-amino-3-ethoxycarbonyl-1-azaazulene and formamide

AU Nozoe, Tetsuo; Seto, Shuichi; Toda, Takashi

V. Balasubramanian

CS Tohoku Univ., Tohoku, Japan
SO Bull. Chem. Soc. Jpn. (1968), 41(1), 208-11
CODEN: BCSJA8
DT Journal
LA English

L5 ANSWER 174 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1967:454383 CAPLUS
DN 67:54383
TI Pyrrolopyrimidine nucleosides. II. Total synthesis of
7-B-D-ribofuranosylpyrrolo[2,3-d]pyrimidines related to toyocamycin
AU Tolman, Richard L.; Robins, Roland K.; Townsend, Leroy B.
CS Univ. of Utah, Salt Lake City, Utah, USA
SO J. Heterocycl. Chem. (1967), 4(2), 230-8
CODEN: JHTCAD
DT Journal
LA English

L5 ANSWER 175 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1967:408896 CAPLUS
DN 67:8896
TI The biosynthesis of the 7-deazaadenine ribonucleoside, tubercidin, by
Streptomyces tubercidicus
AU Smulson, Mark E.; Suhadolnik, Robert J.
CS Albert Einstein Med. Center, Philadelphia, Pa., USA
SO J. Cell Biol. (1967), 242(12), 2872-6
CODEN: JCLBA3
DT Journal
LA English

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